

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REVISED PER NEW CODE	08/24/2023	R.L.

NOTES:

1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH REQUIREMENTS OF THE FLORIDA BUILDING CODE.
2. WOOD FRAMING AND MASONRY OPENING TO BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO STRUCTURE. FRAMING AND MASONRY OPENING IS THE RESPONSIBILITY OF THE ARCHITECT OR ENGINEER OF RECORD.
3. WHERE SHIM OR BUCK THICKNESS IS LESS THAN 1-1/2" UNITS MUST BE ANCHORED THROUGH THE FRAME IN ACCORDANCE WITH MANUFACTURER'S PUBLISHED INSTALLATION INSTRUCTIONS. ANCHORS SHALL BE SECURELY FASTENED DIRECTLY INTO MASONRY, CONCRETE OR OTHER STRUCTURAL SUBSTRATE MATERIAL.
4. WHERE WOOD BUCK THICKNESS IS 1-1/2" OR GREATER, BUCK SHALL BE SECURELY FASTENED TO MASONRY, CONCRETE OR OTHER STRUCTURAL SUBSTRATE. UNITS MAY BE ANCHORED THROUGH FRAME TO SECURED WOOD BUCK IN ACCORDANCE WITH MANUFACTURER'S PUBLISHED INSTALLATION INSTRUCTIONS.
5. WHERE 1X BUCK IS NOT USED DISSIMILAR MATERIALS MUST BE SEPARATED WITH APPROVED COATING OR MEMBRANE. SELECTION OF COATING OR MEMBRANE IS THE RESPONSIBILITY OF THE ARCHITECT OR ENGINEER OF RECORD.
6. BUCKS SHALL EXTEND BEYOND UNIT FRAME INTERIOR FACE SO THAT FULL FRAME SUPPORT IS PROVIDED.
7. FOR FIN INSTALLATION SHIM AS NEEDED. FOR FRAME INSTALLATION SHIM AS REQUIRED AT EACH ANCHOR LOCATION WITH LOAD BEARING SHIM. SHIM WHERE SPACE OF 1/16" OR GREATER OCCURS. MAXIMUM ALLOWABLE SHIM STACK TO BE 1/4".
8. SHIMS SHALL BE LOCATED, APPLIED AND MADE FROM MATERIALS AND THICKNESS CAPABLE OF SUSTAINING APPLICABLE LOADS.
9. WIND LOAD DURATION FACTOR Cd=1.6 WAS USED FOR WOOD ANCHOR CALCULATIONS.
10. FRAME MATERIAL: EXTRUDED RIGID PVC.
11. UNITS MUST BE GLAZED PER ASTM E1300.
12. APPROVED IMPACT PROTECTIVE SYSTEM IS REQUIRED FOR THIS PRODUCT IN WIND BORNE DEBRIS REGIONS.

13. FOR ANCHORING THROUGH FIN INTO WOOD FRAMING USE ROOFING NAIL WITH SUFFICIENT LENGTH TO ACHIEVE A 2" MINIMUM EMBEDMENT INTO SUBSTRATE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
14. FOR ANCHORING THROUGH FIN INTO WOOD FRAMING OR 2X BUCK USE #10 WOOD SCREWS WITH SUFFICIENT LENGTH TO ACHIEVE A 1 1/4" MINIMUM EMBEDMENT INTO SUBSTRATE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
15. FOR ANCHORING THROUGH FIN INTO METAL STRUCTURE USE #8 SMS OR SELF DRILLING SCREWS WITH SUFFICIENT LENGTH TO ACHIEVE 3 THREADS MINIMUM BEYOND STRUCTURE INTERIOR WALL. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
16. FOR ANCHORING THROUGH FRAME INTO WOOD FRAMING OR 2X BUCK USE #10 WOOD SCREWS WITH SUFFICIENT LENGTH TO ACHIEVE A 1 1/4" MINIMUM EMBEDMENT INTO SUBSTRATE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
17. FOR ANCHORING THROUGH FRAME INTO MASONRY/CONCRETE USE 3/16" TAPCONS WITH SUFFICIENT LENGTH TO ACHIEVE A 1 1/4" MINIMUM EMBEDMENT INTO SUBSTRATE WITH 2" MINIMUM EDGE DISTANCE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
18. FOR ANCHORING THROUGH FRAME INTO METAL STRUCTURE USE #10 SMS OR SELF DRILLING SCREWS WITH SUFFICIENT LENGTH TO ACHIEVE 3 THREADS MINIMUM BEYOND STRUCTURE INTERIOR WALL. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
19. ALL FASTENERS TO BE CORROSION RESISTANT.
20. INSTALLATION ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH ANCHOR MANUFACTURER'S INSTALLATION INSTRUCTIONS AND ANCHORS SHALL NOT BE USED IN SUBSTRATES WITH STRENGTHS LESS THAN THE MINIMUM STRENGTH SPECIFIED BELOW:
 - 20.1. WOOD: MINIMUM SPECIFIC GRAVITY OF G=0.42
 - 20.2. CONCRETE: MINIMUM COMPRESSIVE STRENGTH OF 2,000 PSI.
 - 20.3. MASONRY: HOLLOW/FILLED BLOCK PER ASTM C90 WITH Fm=2,000PSI MINIMUM.
 - 20.4. METAL STRUCTURE: STEEL 18GA (.048") FY=33KSI/FU=52KSI OR ALUMINUM 6063-T5 FU=30KSI .125" THICK MINIMUM

SIGNED: 08/24/2023

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SHWINCO ARCHITECTURAL PRODUCTS, LLC
171 JET SERVICES WAY
DOTHAN, AL 36303

SERIES 9050 HS WINDOW
NON-IMPACT
NOTES

DRAWN:
R.L.

DWG NO.
08-03557

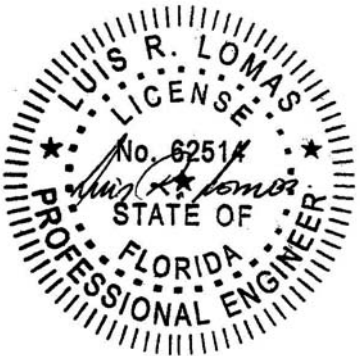
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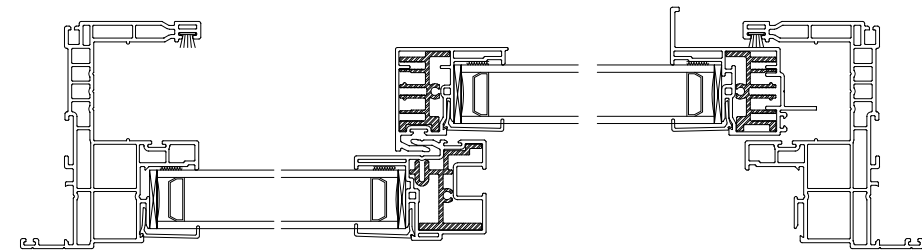
DATE 05/08/2020

SHEET 1 OF 17

L. ROBERTO LOMAS P.E.
208 7th Ave, INDIALANTIC, FL 32903
434-688-0609 rllomas@lrlomaspe.com

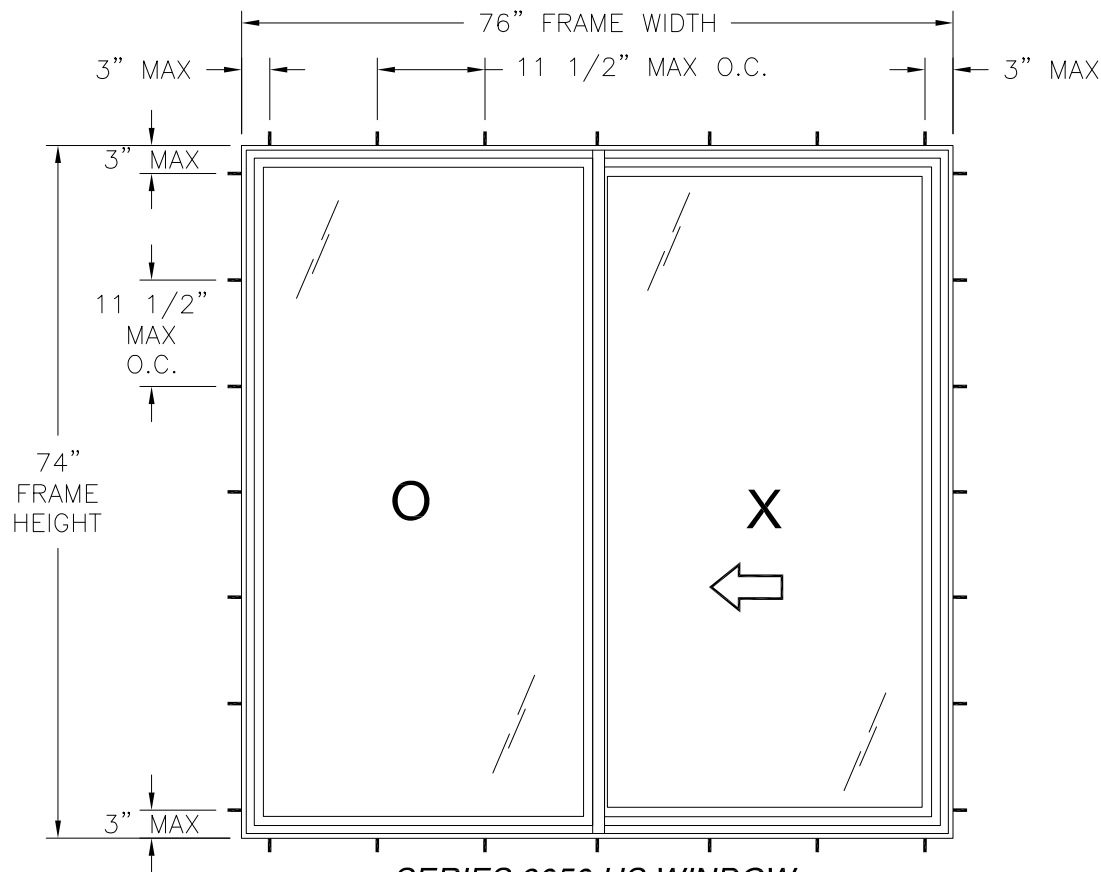


Luis R. Lomas P.E.
FL No.: 62514



HORIZONTAL CROSS SECTION
FOR REFERENCE ONLY, SEE SHEETS 5 - 16 FOR INSTALLATION DETAILS

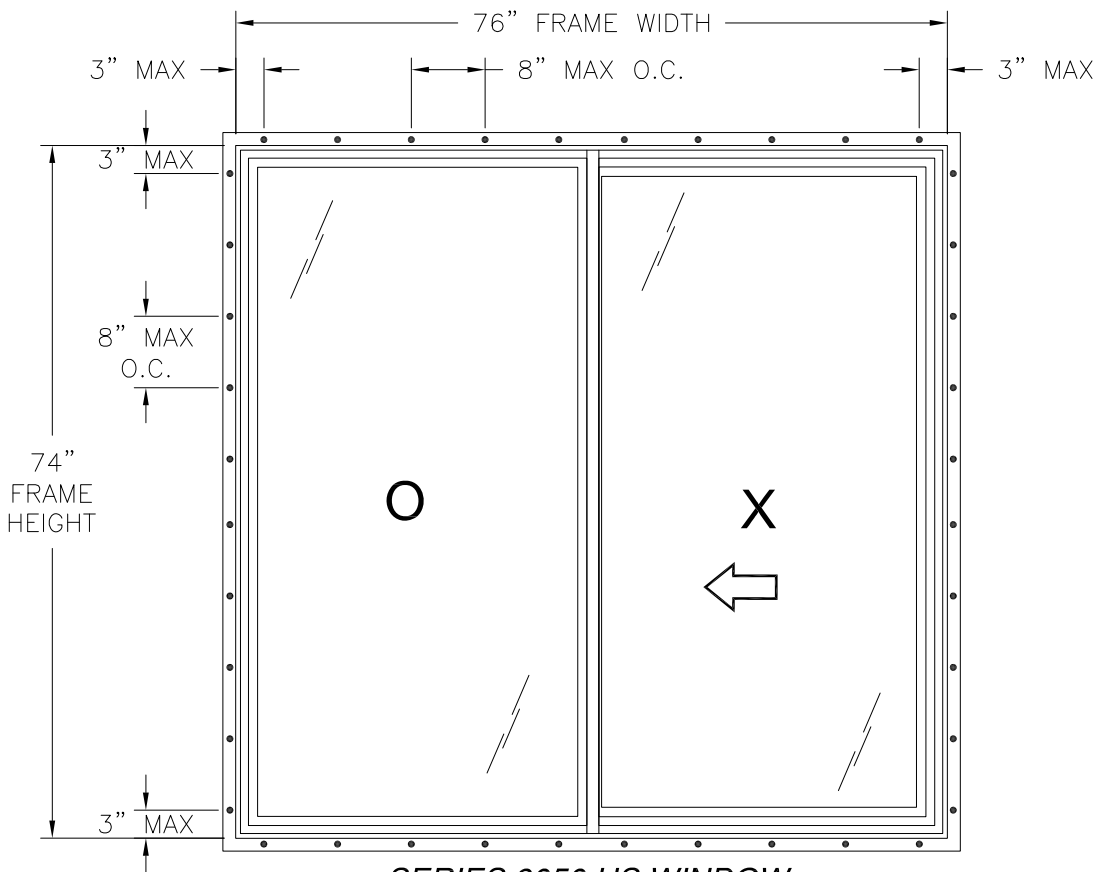
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SERIES 9050 HS WINDOW
EXTERIOR VIEW
FRAME INSTALLATION
WITH STANDARD SILL

DESIGN PRESSURE RATING	IMPACT RATING
+55.0/-60.0PSF	NONE

FOR ADDITIONAL SIZES SEE CHART #1



SERIES 9050 HS WINDOW
EXTERIOR VIEW
FIN INSTALLATION
WITH PVC OR ALUMINUM SNAP ON SILL

DESIGN PRESSURE RATING	IMPACT RATING
±60.0PSF	NONE

FOR ADDITIONAL SIZES SEE CHART #2 & #3

- NOTES:**
- SASH SIZE: 35 1/2" X 69 3/8"
 - SASH D.L.O.: 33 13/16" X 67 3/8"
 - FIXED D.L.O.: 34" X 69 3/8"

HARDWARE SCHEDULE	
A.	(2) TANDEM PLASTIC ROLLER AND HOUSING (11552) BY VISION AT ACTIVE BOTTOM RAIL
B.	(2) LOCK (A09200411) WITH KEEPER BY TRUTH HARDWARE 6 1/2" FROM EACH END OF LOCK RAIL
C.	(2) TILT LATCH (HTL-133-310RH/LH) BY DALWORTH AT TOP AND BOTTOM OF LOCK RAIL
D.	(1) SASH LOCK (9200) BY TRUTH HARDWARE AT SASH MEETING RAIL
E.	ALUMINUM REINFORCEMENT (T-11211) BY TIFTON AT TOP AND BOTTOM RAIL
F.	ALUMINUM REINFORCEMENT (T-11222) BY TIFTON AT ACTIVE MEETING & PULL RAIL
G.	ALUMINUM REINFORCEMENT (T-11333) BY TIFTON AT FIXED MEETING RAIL

SHWINCO ARCHITECTURAL PRODUCTS, LLC
171 JET SERVICES WAY
DOTHAN, AL 36303

SERIES 9050 HS WINDOW
NON-IMPACT
OX ELEVATION

DRAWN:
R.L.

DWG NO.
08-03557

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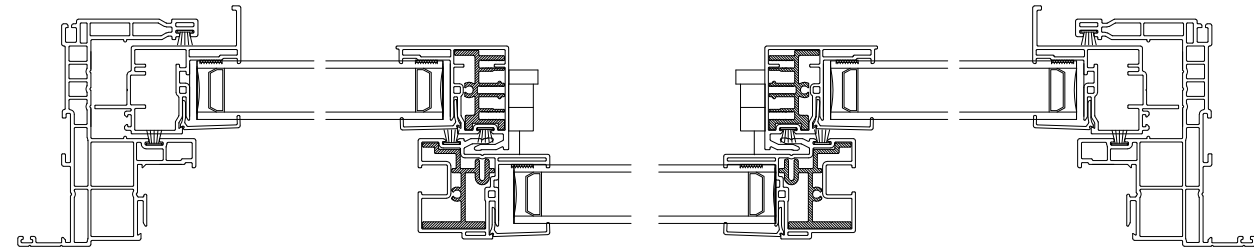
DATE
05/08/2020

SHEET
2 OF 17

L. ROBERTO LOMAS P.E.
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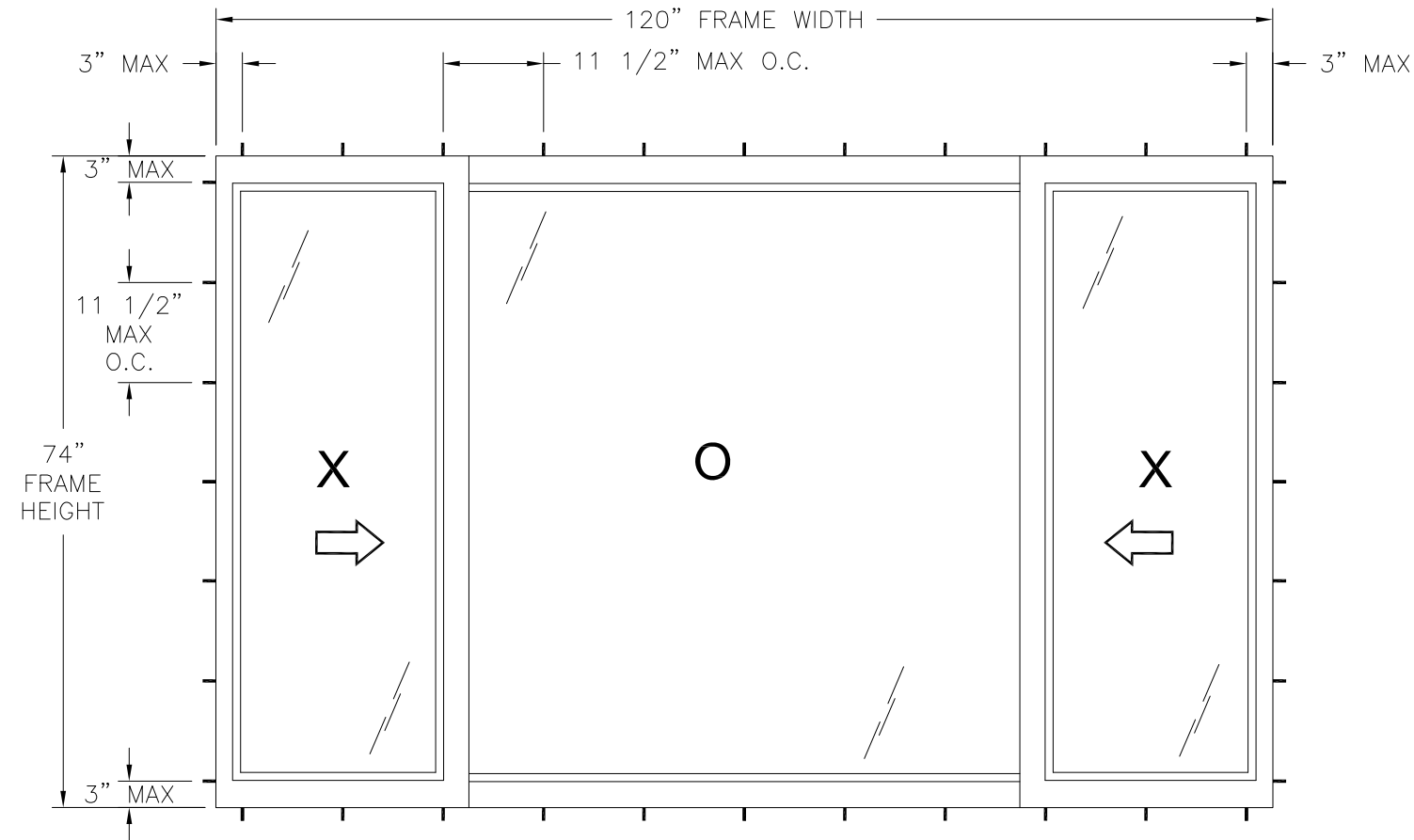
SIGNED: 08/24/2023

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FL No.: 62514

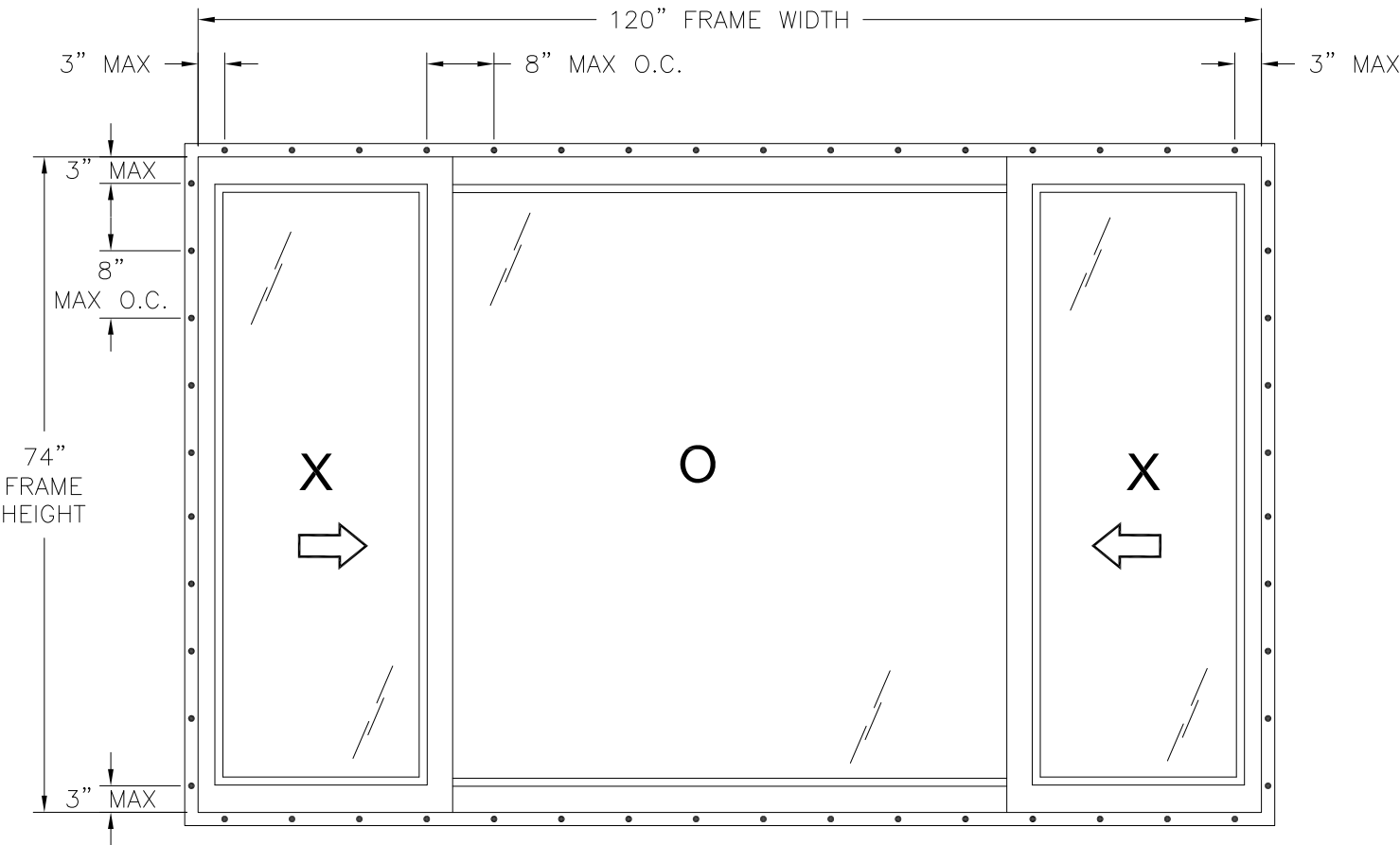


HORIZONTAL CROSS SECTION
FOR REFERENCE ONLY, SEE SHEETS 5 - 16 FOR INSTALLATION DETAILS

REVISIONS			
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SERIES 9050 HS WINDOW
EXTERIOR VIEW
FRAME INSTALLATION



SERIES 9050 HS WINDOW
EXTERIOR VIEW
FIN INSTALLATION

- NOTES:
1. SASH SIZE: 27 1/2" X 68 7/8"
 2. SASH D.L.O.: 26" X 67 3/8"
 3. FIXED PANEL: 57 1/2" X 70 7/8"
 4. FIXED PANEL D.L.O.: 56" X 69 3/8"

DESIGN PRESSURE RATING	IMPACT RATING
±35.0PSF	NONE

FOR ADDITIONAL SIZES SEE CHART #4

HARDWARE SCHEDULE	
A.	(2) TANDEM PLASTIC ROLLER AND HOUSING (11552) BY VISION AT EACH ACTIVE BOTTOM RAIL
B.	(4) LOCK (A09200411) WITH KEEPER BY TRUTH HARDWARE 7" FROM EACH END OF LOCK RAIL
C.	(2) TILT LATCH (HTL-133-310RH/LH) BY DALWORTH AT TOP AND BOTTOM OF LOCK RAIL
D.	(1) SASH LOCK (9200) BY TRUTH HARDWARE AT SASH MEETING RAIL
E.	ALUMINUM REINFORCEMENT (T-11211) BY TIFTON AT TOP AND BOTTOM RAIL
F.	ALUMINUM REINFORCEMENT (T-11222) BY TIFTON AT ACTIVE MEETING & PULL RAIL
G.	ALUMINUM REINFORCEMENT (T-11333) BY TIFTON AT FIXED MEETING RAIL

SHWINCO ARCHITECTURAL PRODUCTS, LLC		
171 JET SERVICES WAY DOTHAN, AL 36303		
SERIES 9050 HS WINDOW NON-IMPACT XOX ELEVATION		
DRAWN: R.L.	DWG NO. 08-03557	REV A
SCALE NTS	DATE 05/08/2020	SHEET 3 OF 17
L. ROBERTO LOMAS P.E. 208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rllomas@lrlomaspe.com		

SIGNED: 08/24/2023



Luis R. Lomas P.E.
FL No.: 62514

REVISIONS			
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Chart #1

Rating for units with standard sill (psf)																												
Panel Height (in)	Single Panel Width (in)																											
	12.0		15.0		18.0		21.0		24.0		27.0		30.0		33.0		36.0		38.0		39.0		42.0		45.0		48.0	
	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg
24.0	55.0	90.0	55.0	90.0	55.0	90.0	55.0	90.0	55.0	90.0	55.0	90.0	55.0	90.0	55.0	90.0	55.0	90.0	55.0	90.0	55.0	90.0	55.0	90.0	55.0	90.0	55.0	90.0
30.0	55.0	90.0	55.0	90.0	55.0	90.0	55.0	90.0	55.0	90.0	55.0	90.0	55.0	90.0	55.0	90.0	55.0	90.0	55.0	90.0	55.0	90.0	55.0	90.0	55.0	90.0	55.0	90.0
36.0	55.0	90.0	55.0	90.0	55.0	90.0	55.0	90.0	55.0	90.0	55.0	90.0	55.0	90.0	55.0	90.0	55.0	90.0	55.0	90.0	55.0	90.0	55.0	90.0	55.0	90.0	55.0	90.0
42.0	55.0	90.0	55.0	90.0	55.0	90.0	55.0	90.0	55.0	90.0	55.0	90.0	55.0	90.0	55.0	90.0	55.0	90.0	55.0	90.0	55.0	90.0	55.0	90.0	55.0	89.3	55.0	83.7
48.0	55.0	90.0	55.0	90.0	55.0	90.0	55.0	90.0	55.0	90.0	55.0	90.0	55.0	90.0	55.0	90.0	55.0	90.0	55.0	90.0	55.0	90.0	55.0	83.7	55.0	78.1	55.0	73.2
54.0	55.0	90.0	55.0	90.0	55.0	90.0	55.0	90.0	55.0	90.0	55.0	90.0	55.0	90.0	55.0	90.0	55.0	86.8	55.0	82.2	55.0	80.1	55.0	74.4	55.0	69.4	55.0	65.1
60.0	55.0	90.0	55.0	90.0	55.0	90.0	55.0	90.0	55.0	90.0	55.0	90.0	55.0	90.0	55.0	85.2	55.0	78.1	55.0	74.0	55.0	72.1	55.0	67.0	55.0	62.5	-	-
66.0	55.0	90.0	55.0	90.0	55.0	90.0	55.0	90.0	55.0	90.0	55.0	88.5	55.0	82.0	55.0	76.8	55.0	71.0	55.0	67.3	55.0	65.5	55.0	60.9	-	-	-	-
72.0	55.0	90.0	55.0	90.0	55.0	90.0	55.0	90.0	55.0	87.1	55.0	79.4	55.0	73.3	55.0	68.5	55.0	64.5	55.0	61.7	55.0	60.1	-	-	-	-	-	-
74.0	55.0	90.0	55.0	90.0	55.0	90.0	55.0	90.0	55.0	84.3	55.0	76.8	55.0	70.8	55.0	66.1	55.0	62.2	55.0	60.0	-	-	-	-	-	-	-	-
78.0	55.0	90.0	55.0	90.0	55.0	90.0	55.0	85.7	55.0	75.6	55.0	67.9	55.0	61.8	55.0	56.9	52.9	52.9	-	-	-	-	-	-	-	-	-	-
84.0	55.0	90.0	55.0	90.0	55.0	79.2	55.0	68.3	55.0	60.2	54.0	54.0	49.1	49.1	45.1	45.1	-	-	-	-	-	-	-	-	-	-	-	-
90.0	55.0	90.0	55.0	76.7	55.0	64.2	55.0	55.4	48.8	48.8	43.7	43.7	39.6	39.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-
96.0	55.0	78.6	55.0	63.1	52.8	52.8	45.5	45.5	40.0	40.0	35.8	35.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

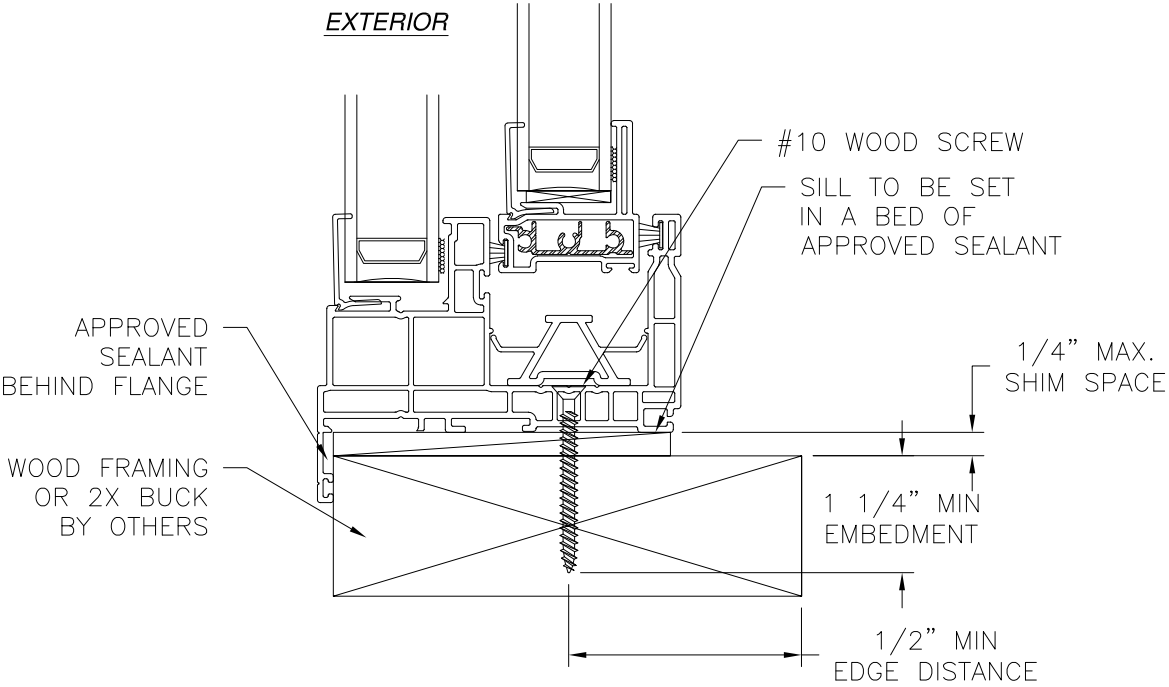
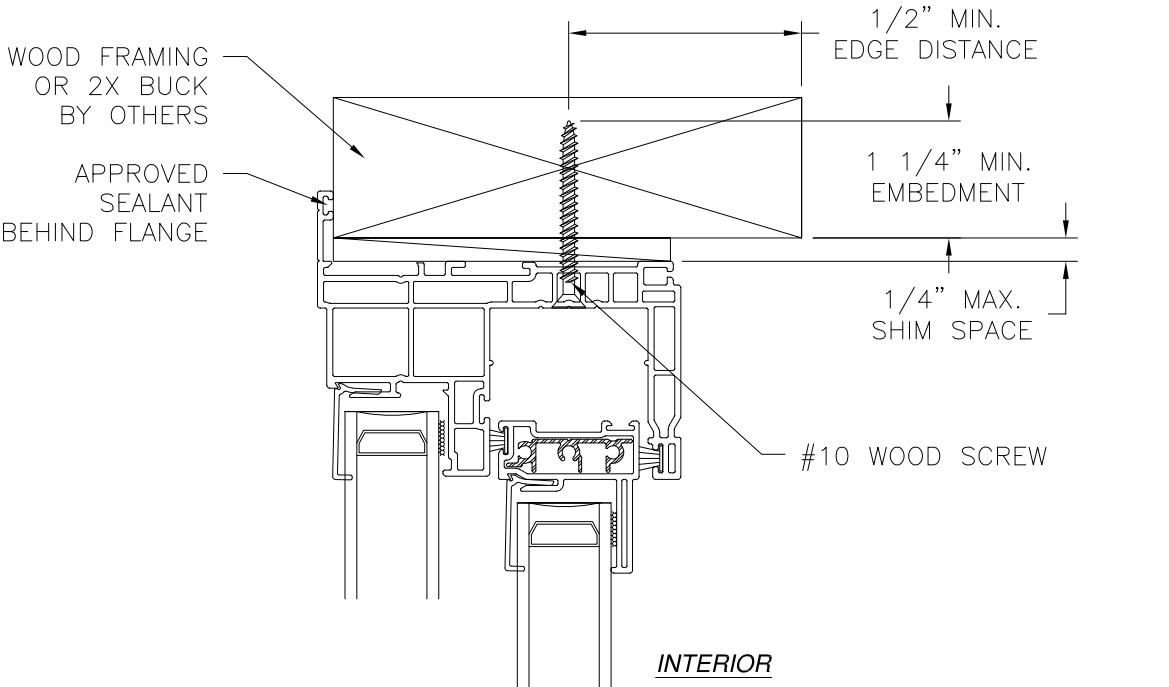
Chart #2

Rating for units with PVC snap on sill (psf)																												
Panel Height (in)	Single Panel Width (in)																											
	12.0		15.0		18.0		21.0		24.0		27.0		30.0		33.0		36.0		38.0		39.0		42.0		45.0		48.0	
	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg
24.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0
30.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0
36.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0
42.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	89.3	80.0	83.7
48.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	83.7	78.1	78.1	73.2	73.2
54.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	86.8	80.0	82.2	80.0	80.1	74.4	74.4	69.4	69.4	65.1	65.1
60.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	85.2	78.1	78.1	74.0	74.0	72.1	72.1	67.0	67.0	62.5	62.5	-	-
66.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	88.5	80.0	82.0	76.8	76.8	71.0	71.0	67.3	67.3	65.5	65.5	60.9	60.9	-	-	-	-
72.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	87.1	79.4	79.4	73.3	73.3	68.5	68.5	64.5	64.5	61.7	61.7	60.1	60.1	-	-	-	-	-	-
74.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	84.3	76.8	76.8	70.8	70.8	66.1	66.1	62.2	62.2	60.0	60.0	-	-	-	-	-	-	-	-
78.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	85.7	75.6	75.6	67.9	67.9	61.8	61.8	56.9	56.9	52.9	52.9	-	-	-	-	-	-	-	-	-	-
84.0	80.0	90.0	80.0	90.0	79.2	79.2	68.3	68.3	60.2	60.2	54.0	54.0	49.1	49.1	45.1	45.1	-	-	-	-	-	-	-	-	-	-	-	-
90.0	80.0	90.0	76.7	76.7	64.2	64.2	55.4	55.4	48.8	48.8	43.7	43.7	39.6	39.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-
96.0	78.6	78.6	63.1	63.1	52.8	52.8	45.5	45.5	40.0	40.0	35.8	35.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

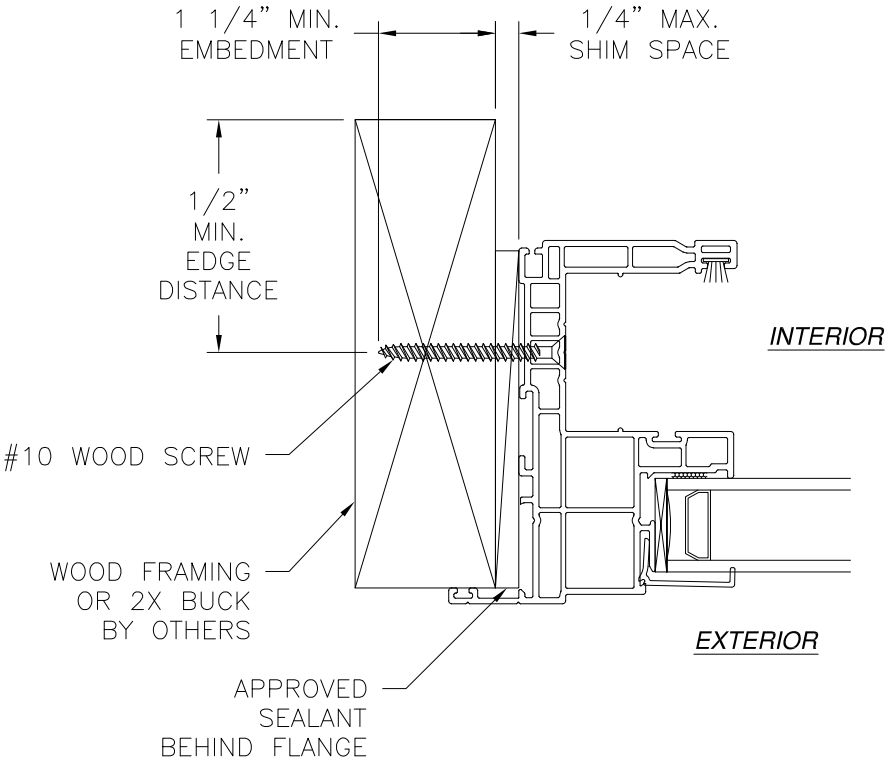
Chart #3

Rating for units with aluminum snap on sill (psf)																													
Panel Height (in)	Single Panel Width (in)																												
	12.0		15.0		18.0		21.0		24.0		27.0		30.0		33.0		36.0		38.0		39.0		42.0		45.0		48.0		
	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	
24.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	
30.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	
36.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	
42.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	89.3	89.3	83.7	83.7
48.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	83.7	83.7	78.1	78.1	73.2	73.2	
54.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	86.8	86.8	82.2	82.2	80.1	80.1	74.4	74.4	69.4	69.4	65.1	65.1	
60.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	85.2	85.2	78.1	78.1	74.0	74.0	72.1	72.1	67.0	67.0	62.5	62.5	-	-	
66.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	88.5	88.5	82.0	82.0	76.8	76.8	71.0	71.0	67.3	67.3	65.5	65.5	60.9	60.9	-	-	-	-	
72.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	87.1	87.1	79.4	79.4	73.3	73.3	68.5	68.5	64.5	64.5	61.7	61.7	60.1	60.1	-	-	-	-	-	-	
74.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	84.3	84.3	76.8	76.8	70.8	70.8	66.1	66.1	62.2	62.2	60.0	60.0	-	-	-	-	-	-	-	-	
78.0	90.0	90.0	90.0	90.0	90.0	90.0	85.7	85.7	75.6	75.6	67.9	67.9	61.8	61.8	56.9	56.9	52.9	52.9	-	-	-	-	-	-	-	-	-	-	
84.0	90.0	90.0	90.0	90.0	79.2	79.2	68.3	68.3	60.2	60.2	54.0	54.0	49.1	49.1	45.1	45.1	-	-	-	-	-	-	-	-	-	-	-	-	
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96.0	78.6	78.6	63.1	63.1	52.8	52.8	45.5	45.5	40.0	40.0	35.8	35.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REVISED PER NEW CODE	08/24/2023	R.L.



VERTICAL CROSS SECTION
WOOD FRAMING OR 2X BUCK INSTALLATION



JAMB INSTALLATION DETAIL
WOOD FRAMING OR 2X BUCK INSTALLATION

- NOTES:**
1. INTERIOR AND EXTERIOR FINISHES, BY OTHERS, NOT SHOWN FOR CLARITY.
 2. PERIMETER AND JOINT SEALANT BY OTHERS TO BE DESIGNED IN ACCORDANCE WITH ASTM E2112
 3. WATER PROOFING IS INSTALLER'S RESPONSIBILITY AND MUST BE DONE PER FMA/AAMA/WDMA STANDARDS.

SHWINCO ARCHITECTURAL PRODUCTS, LLC
171 JET SERVICES WAY
DOTHAN, AL 36303

SERIES 9050 HS WINDOW
NON-IMPACT
FLANGE INSTALLATION DETAILS

DRAWN:
R.L.

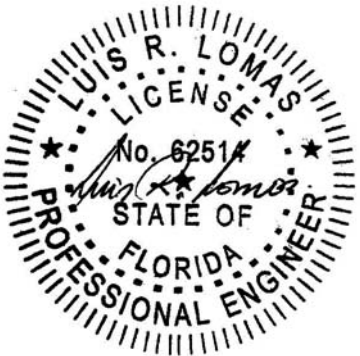
DWG NO.
08-03557

REV
A

SCALE NTS
DATE 05/08/2020
SHEET 5 OF 17

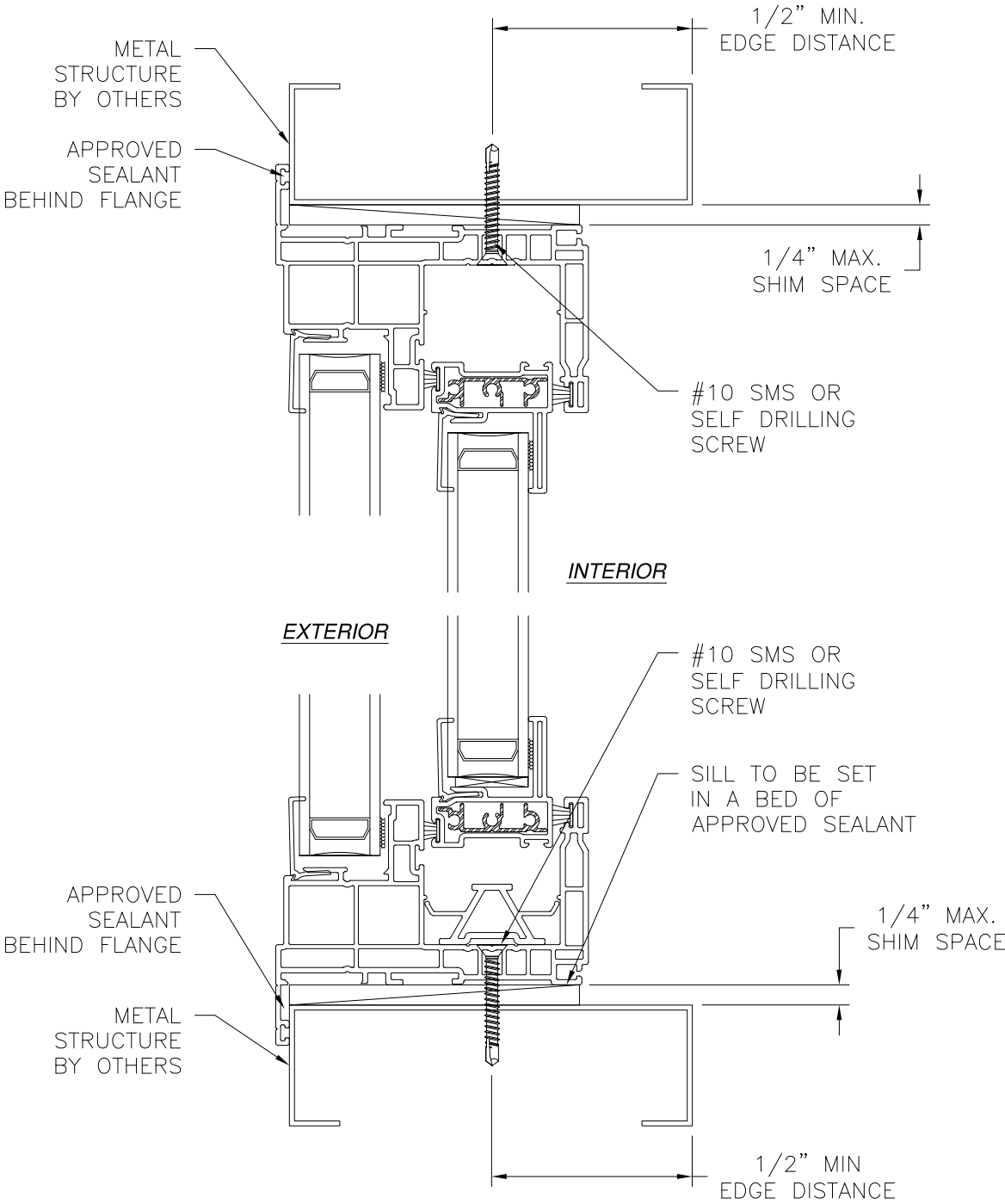
L. ROBERTO LOMAS P.E.
208 7th Ave, INDIALANTIC, FL 32903
434-688-0609 rllomas@lrlomaspe.com

SIGNED: 08/24/2023

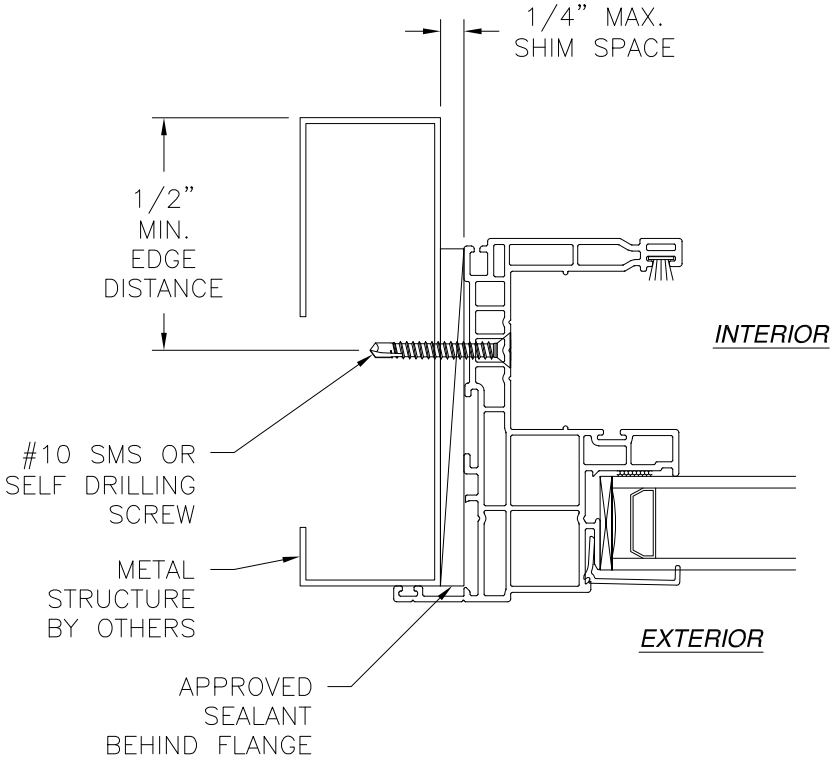


Luis R. Lomas P.E.
FL No.: 62514

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
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VERTICAL CROSS SECTION
METAL STRUCTURE INSTALLATION



JAMB INSTALLATION DETAIL
METAL STRUCTURE INSTALLATION

- NOTES:**
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SHWINCO ARCHITECTURAL PRODUCTS, LLC
171 JET SERVICES WAY
DOTHAN, AL 36303

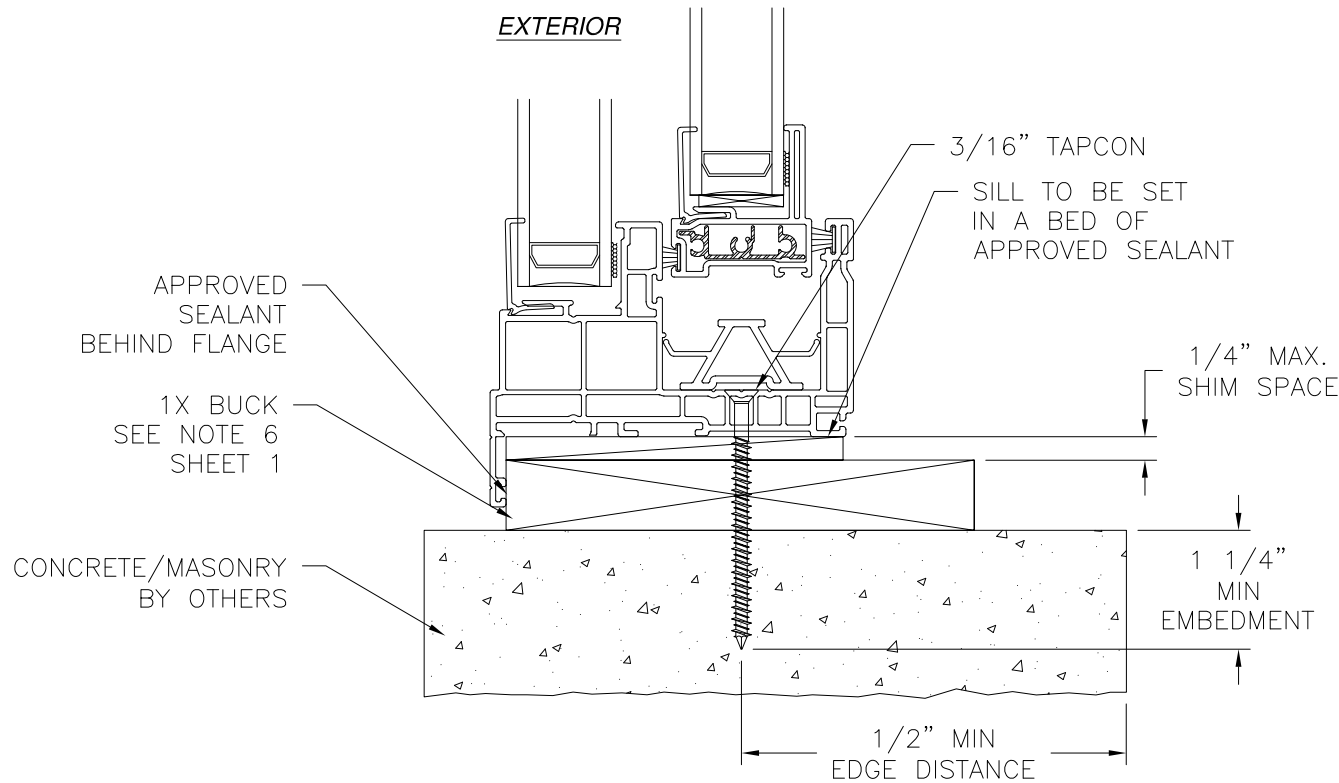
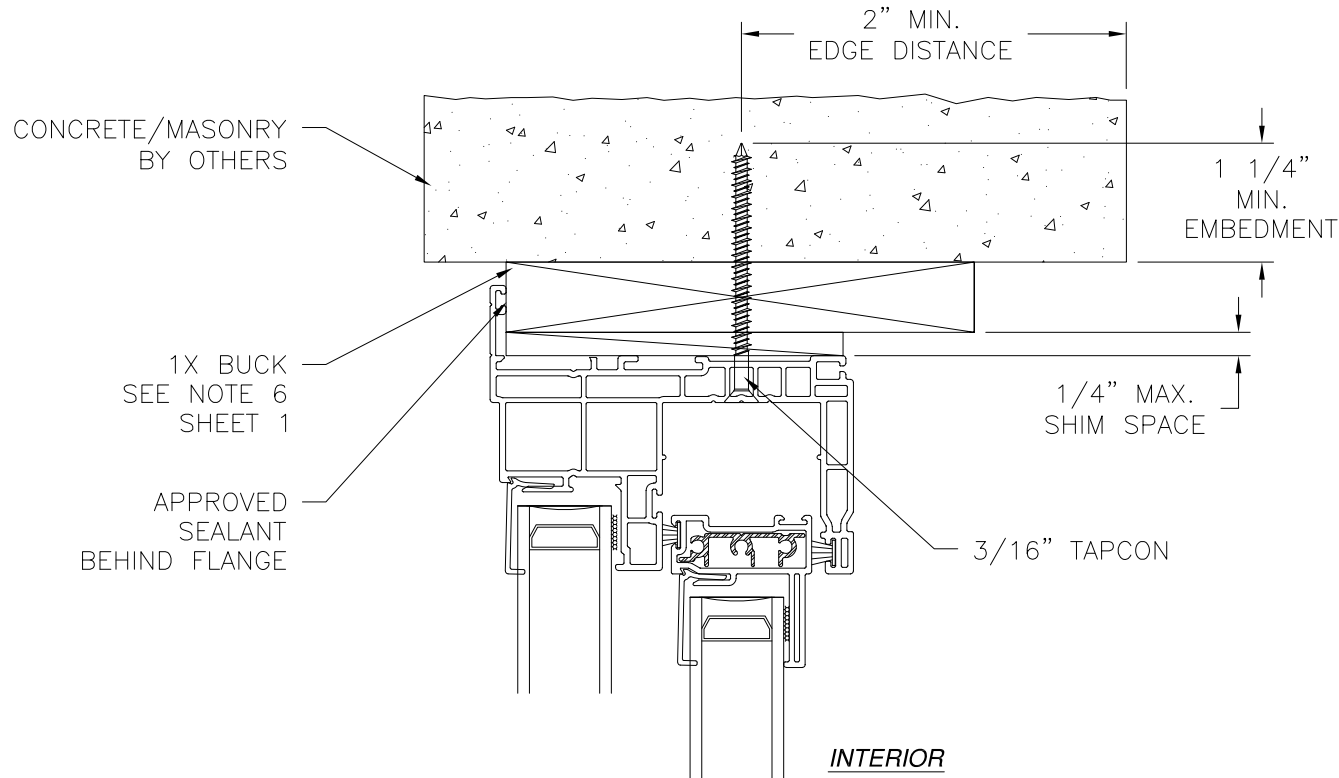
SERIES 9050 HS WINDOW
NON-IMPACT
FLANGE INSTALLATION DETAILS

DRAWN: R.L.	DWG NO. 08-03557	REV A
SCALE NTS	DATE 05/08/2020	SHEET 6 OF 17
L. ROBERTO LOMAS P.E. 208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rllomas@lrlomaspe.com		

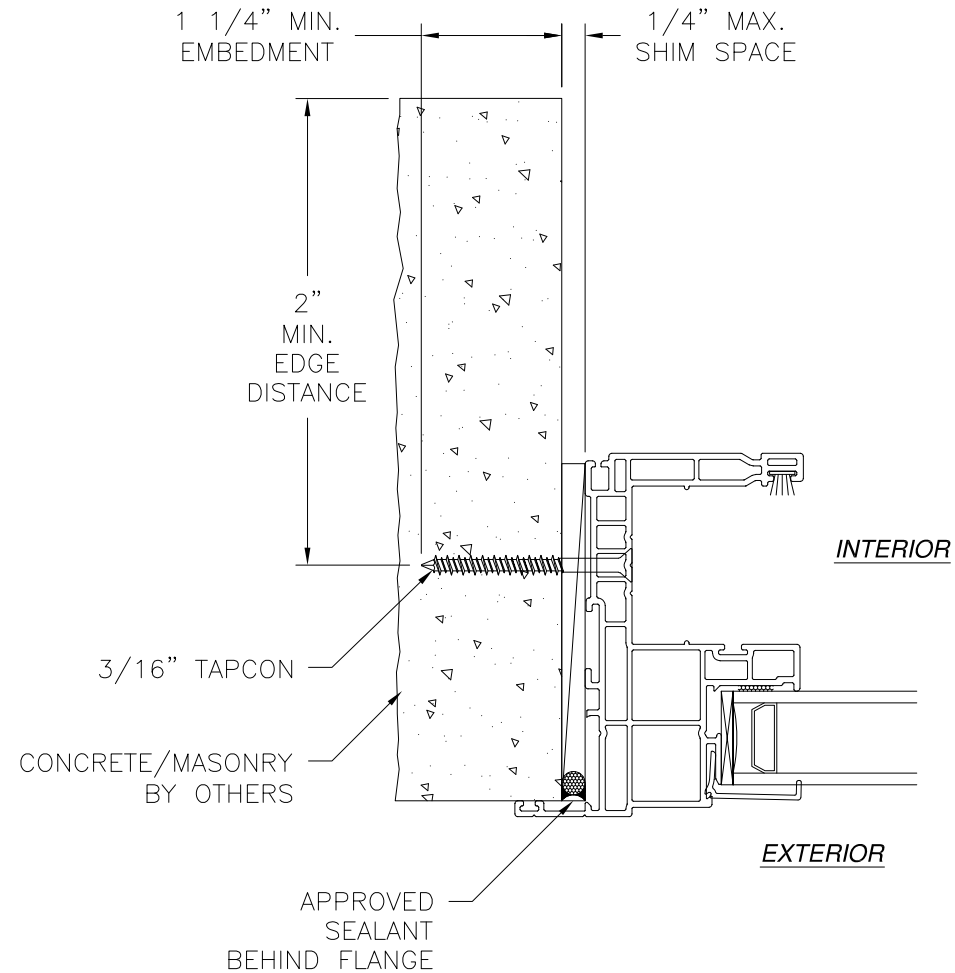
SIGNED: 08/24/2023



Luis R. Lomas P.E.
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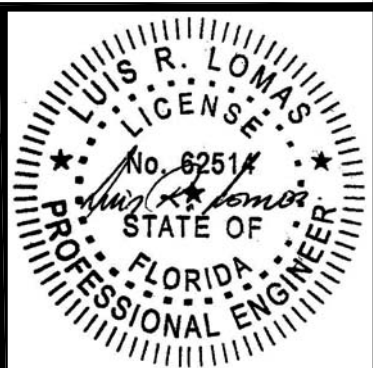
VERTICAL CROSS SECTION
CONCRETE/MASONRY WITH 1X BUCK INSTALLATION
FOR CONCRETE/MASONRY WITHOUT 1X BUCK REFER TO
JAMB INSTALLATION DETAIL



JAMB INSTALLATION DETAIL
CONCRETE/MASONRY WITHOUT 1X BUCK INSTALLATION
FOR CONCRETE/MASONRY INSTALLATION WITH 1X BUCK REFER TO
HEAD AND SILL INSTALLATION DETAILS

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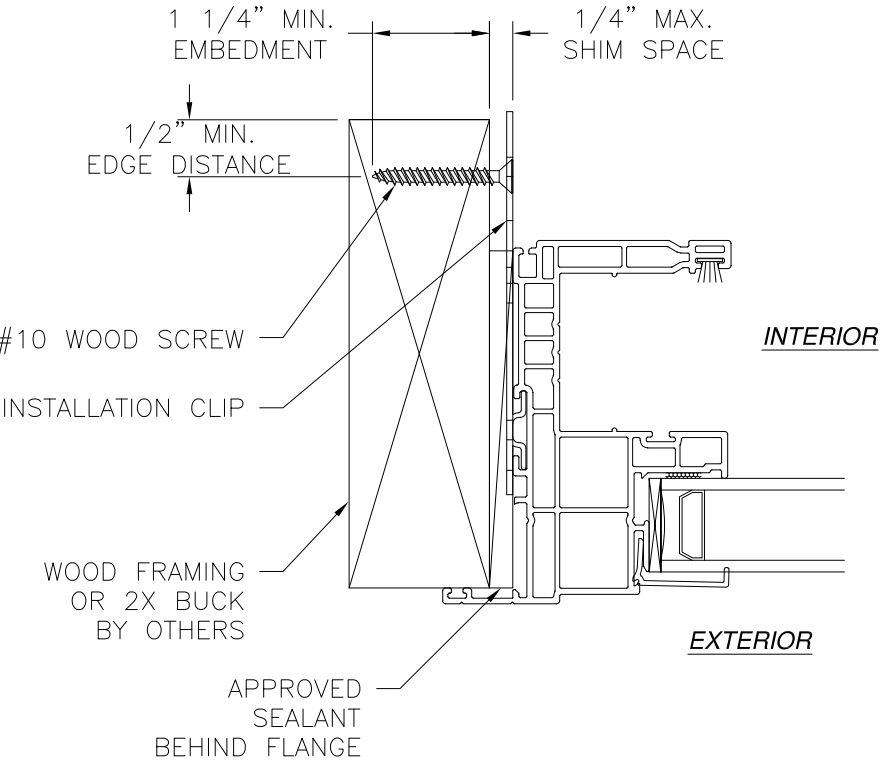
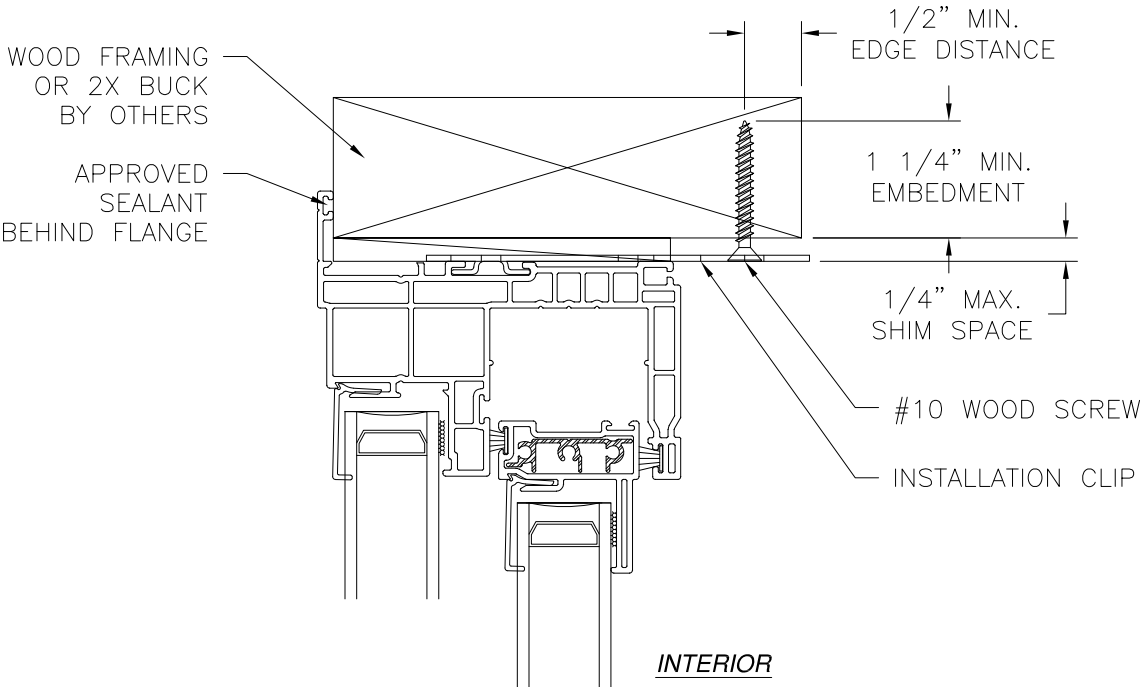
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SERIES 9050 HS WINDOW NON-IMPACT FLANGE INSTALLATION DETAILS		
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SCALE NTS	DATE 05/08/2020	SHEET 7 OF 17
L. ROBERTO LOMAS P.E. 208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rllomas@lrlomaspe.com		



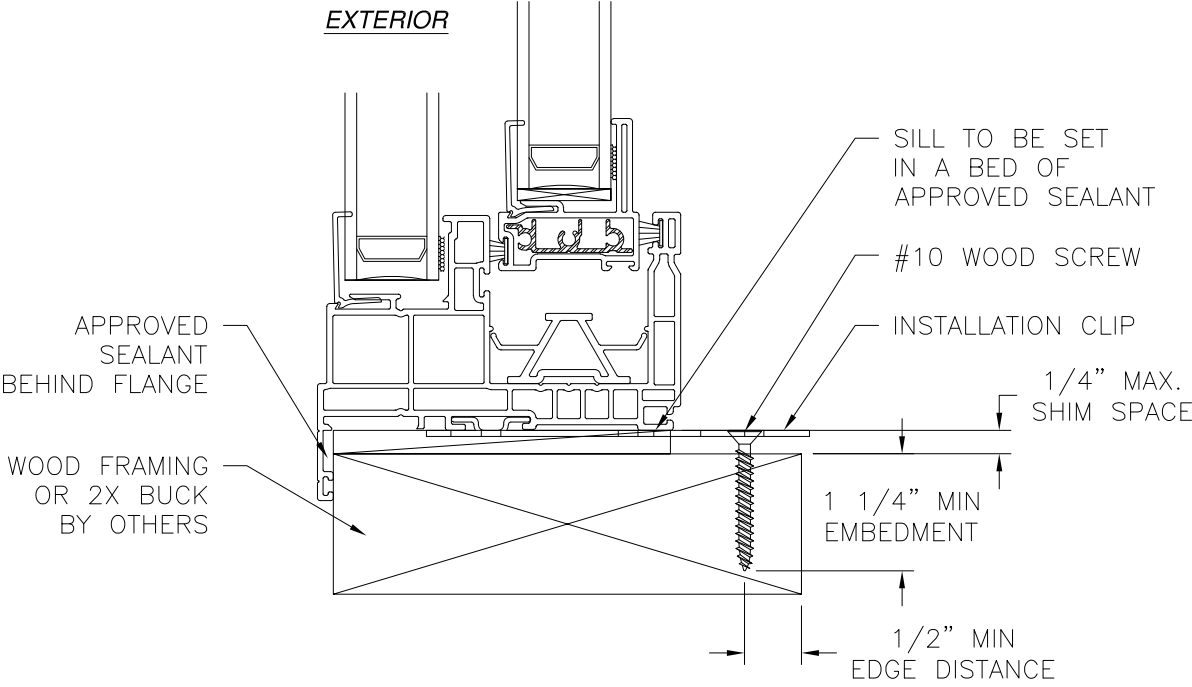
Luis R. Lomas P.E.
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REV	DESCRIPTION	DATE	APPROVED
A	REVISED PER NEW CODE	08/24/2023	R.L.

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
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JAMB INSTALLATION DETAIL
WOOD FRAMING OR 2X BUCK INSTALLATION



VERTICAL CROSS SECTION
WOOD FRAMING OR 2X BUCK INSTALLATION

- NOTES:**
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SIGNED: 08/24/2023

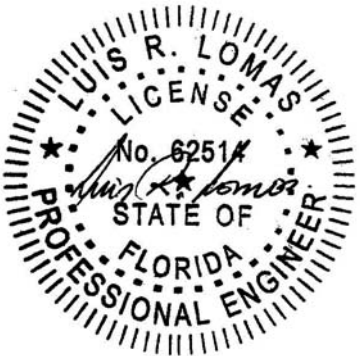
SHWINCO ARCHITECTURAL PRODUCTS, LLC

171 JET SERVICES WAY
DOTHAN, AL 36303

SERIES 9050 HS WINDOW
NON-IMPACT
CLIP INSTALLATION DETAILS

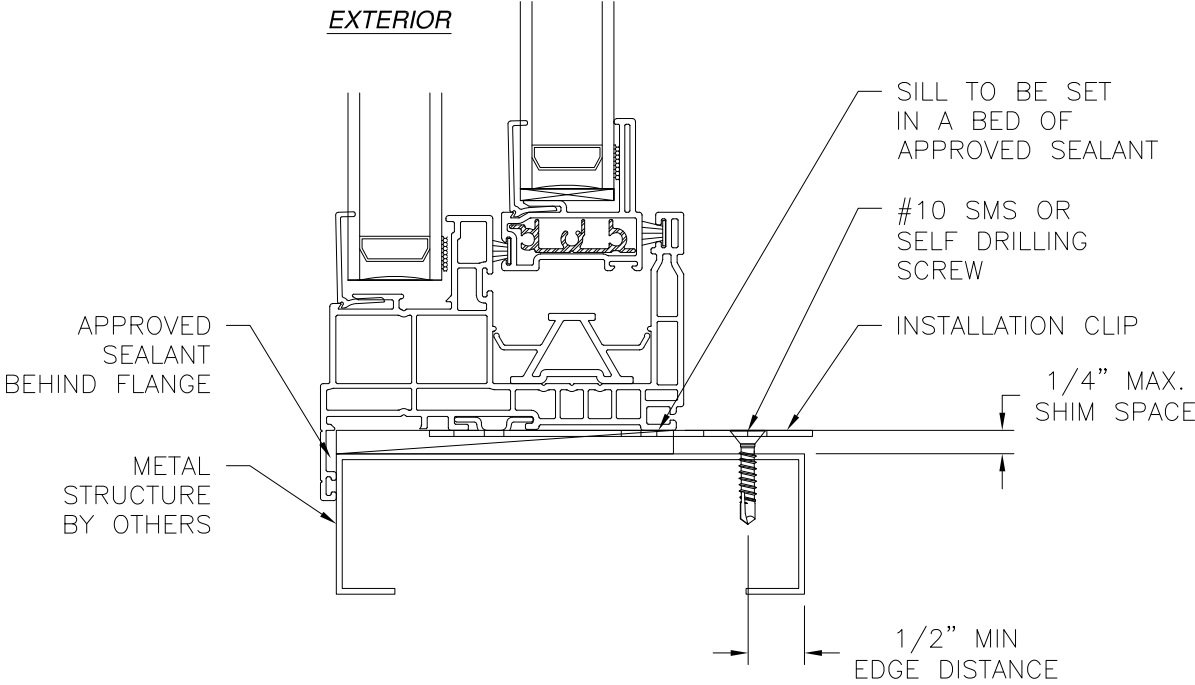
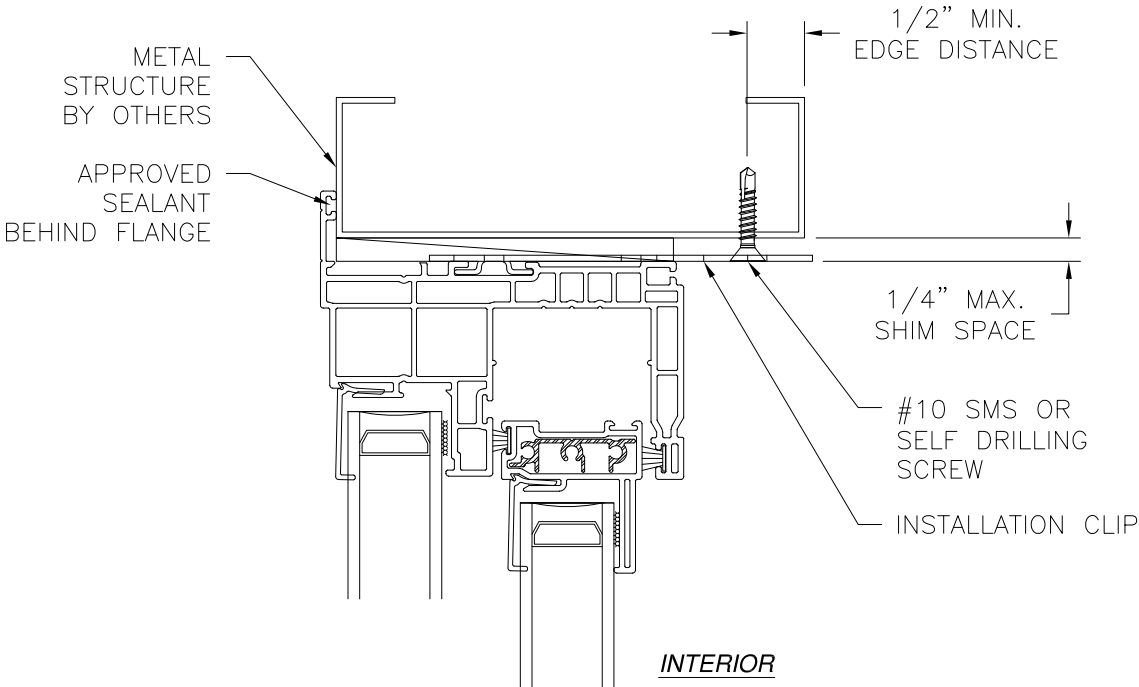
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SCALE NTS	DATE 05/08/2020	SHEET 8 OF 17

L. ROBERTO LOMAS P.E.
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434-688-0609 rllomas@lrlomaspe.com

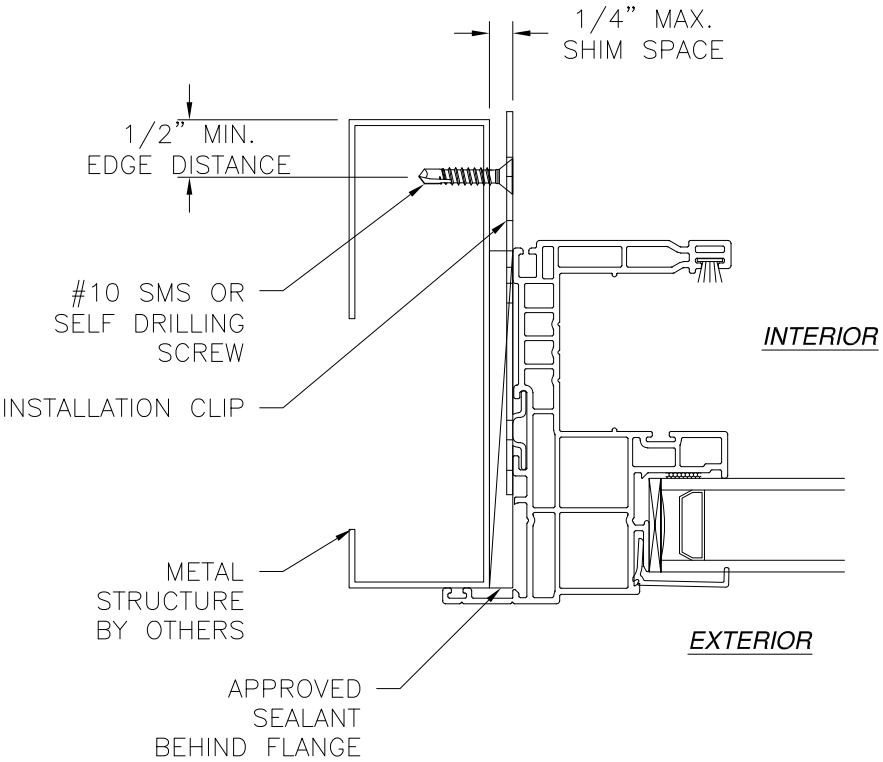


Luis R. Lomas P.E.
FL No.: 62514

REVISIONS			
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VERTICAL CROSS SECTION
METAL STRUCTURE INSTALLATION



JAMB INSTALLATION DETAIL
METAL STRUCTURE INSTALLATION

- NOTES:**
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SHWINCO ARCHITECTURAL PRODUCTS, LLC

171 JET SERVICES WAY
DOTHAN, AL 36303

SERIES 9050 HS WINDOW
NON-IMPACT
CLIP INSTALLATION DETAILS

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DWG NO.
08-03557

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A

SCALE NTS

DATE 05/08/2020

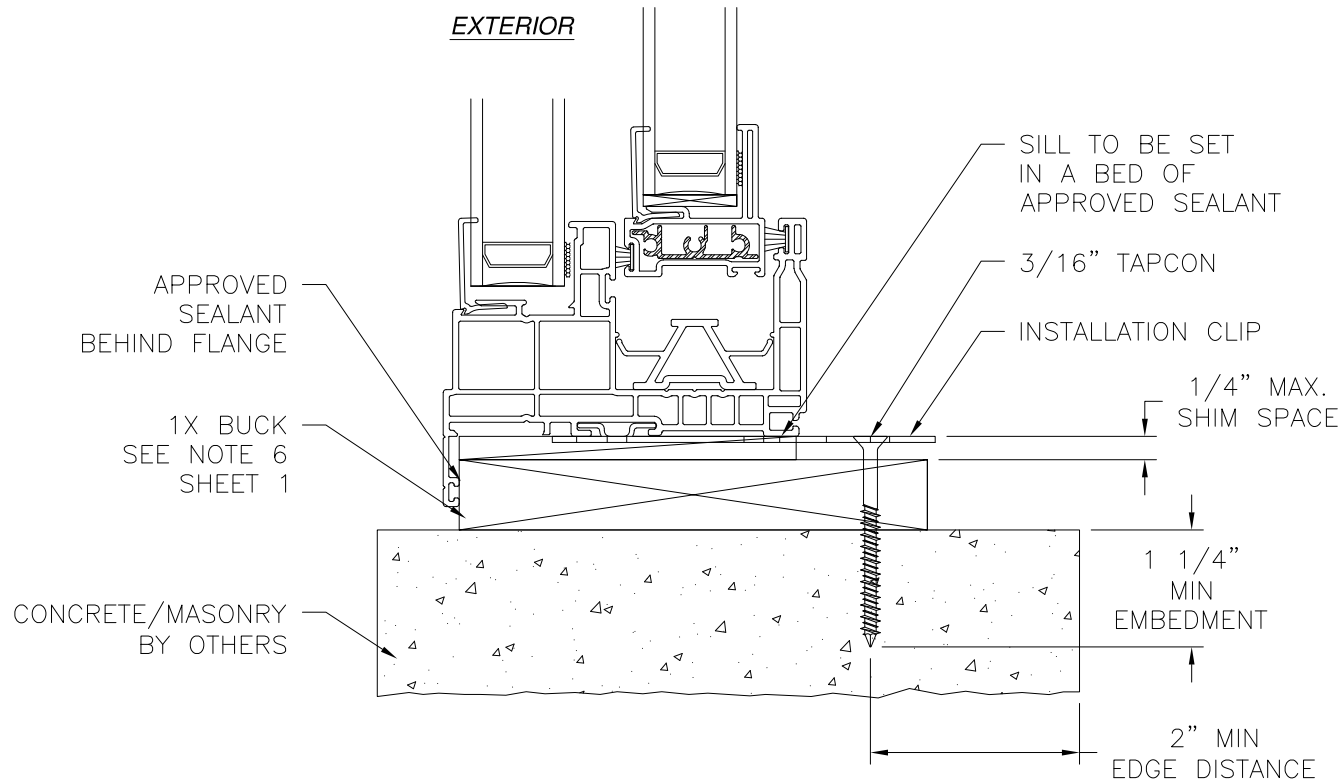
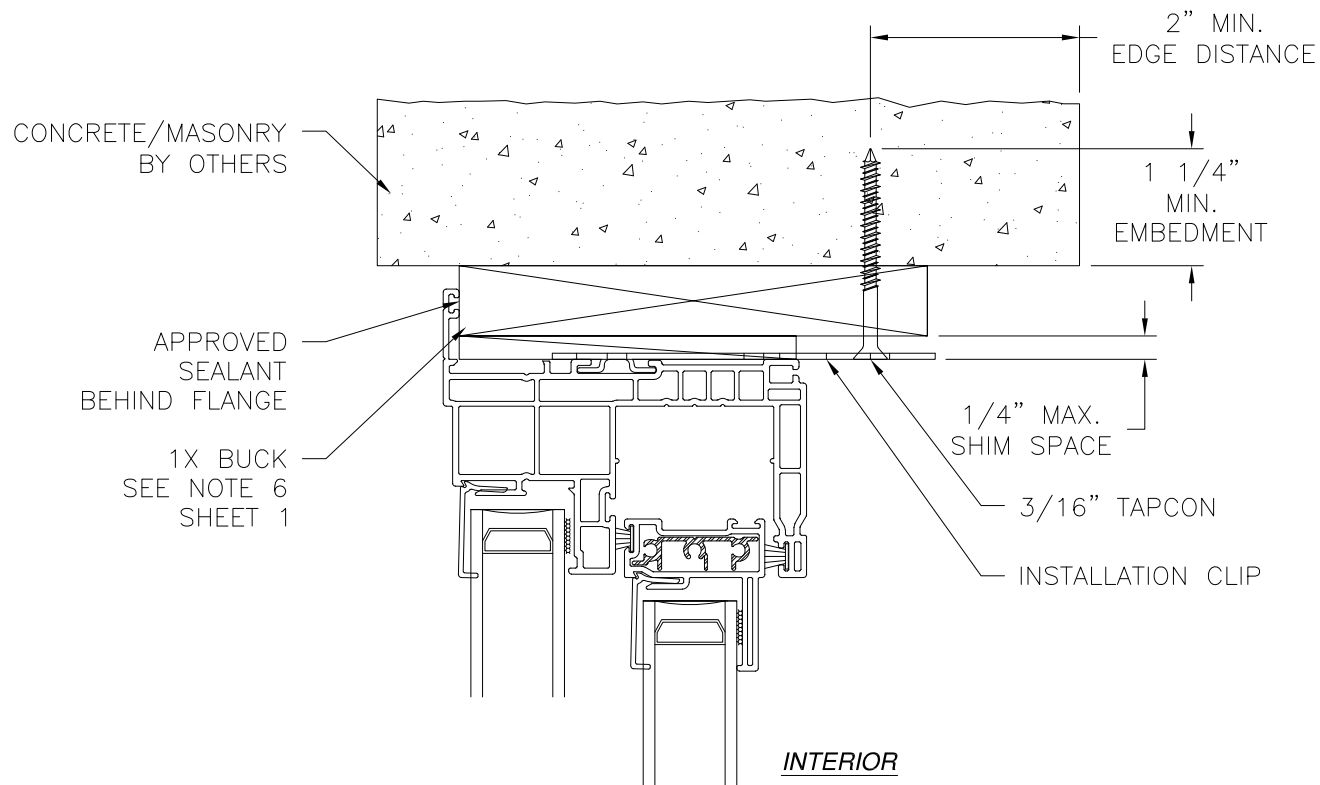
SHEET 9 OF 17

L. ROBERTO LOMAS P.E.
208 7th Ave, INDIALANTIC, FL 32903
434-688-0609 rllomas@lrlomaspe.com

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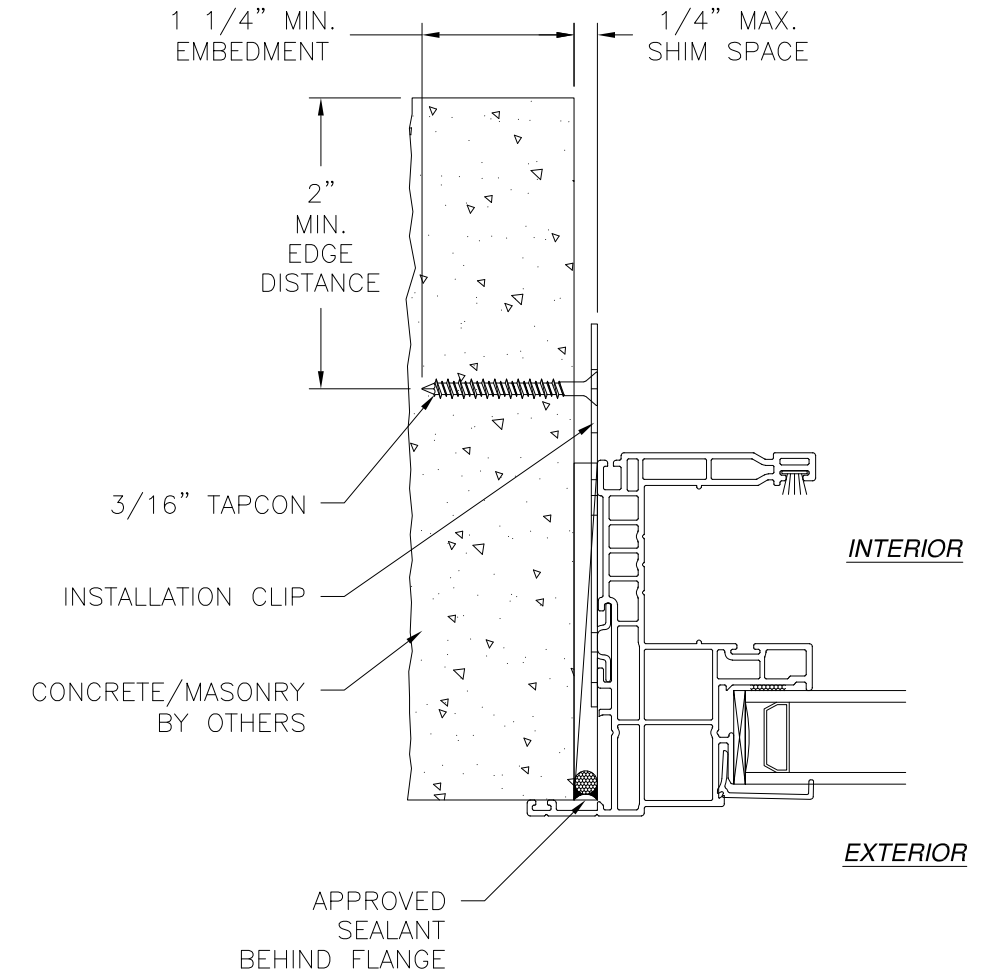
Luis R. Lomas P.E.
FL No.: 62514



VERTICAL CROSS SECTION
CONCRETE/MASONRY WITH 1X BUCK INSTALLATION
FOR CONCRETE/MASONRY WITHOUT 1X BUCK REFER TO
JAMB INSTALLATION DETAIL

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JAMB INSTALLATION DETAIL
CONCRETE/MASONRY WITHOUT 1X BUCK INSTALLATION
FOR CONCRETE/MASONRY WITH 1X BUCK REFER TO
HEAD AND SILL INSTALLATION DETAILS

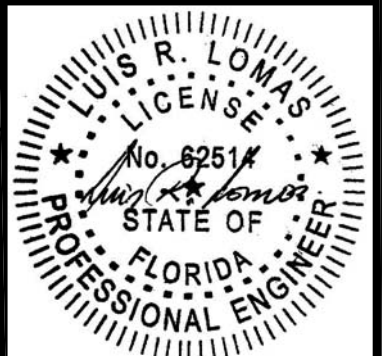
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SHWINCO ARCHITECTURAL PRODUCTS, LLC
171 JET SERVICES WAY
DOTHAN, AL 36303

SERIES 9050 HS WINDOW
NON-IMPACT
CLIP INSTALLATION DETAILS

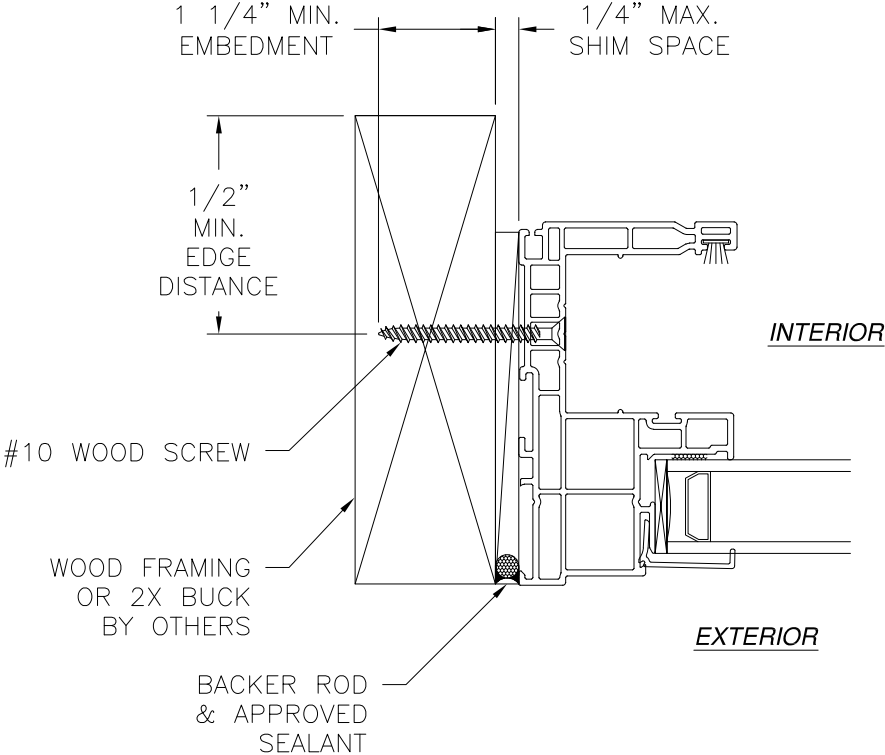
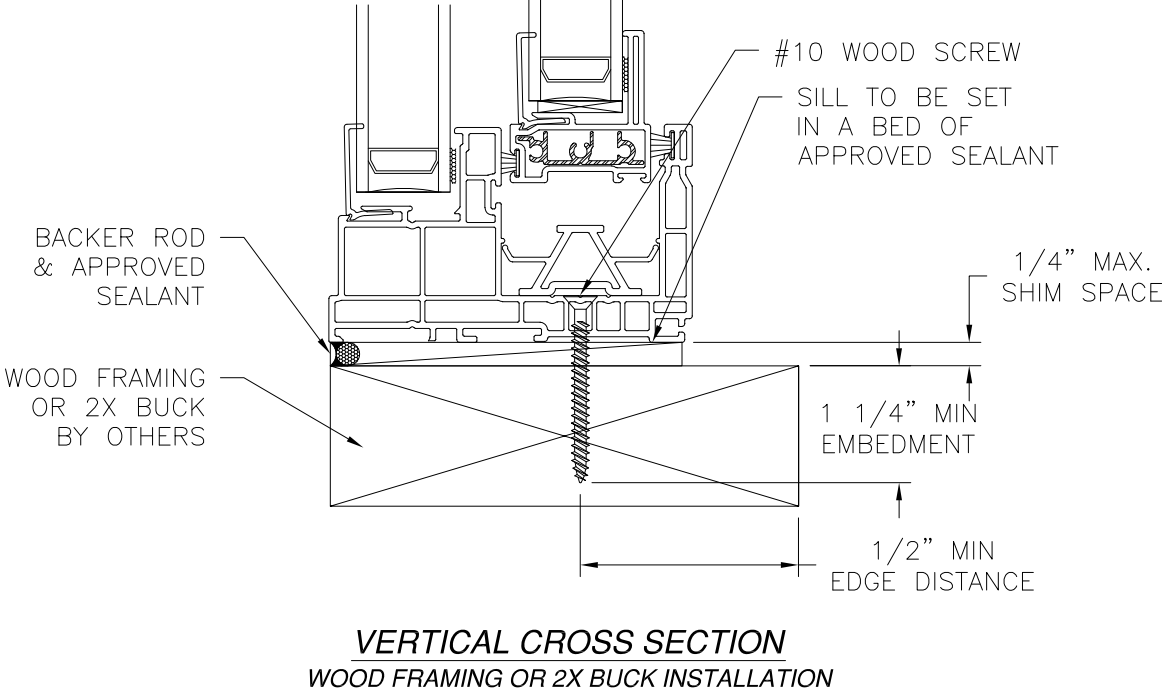
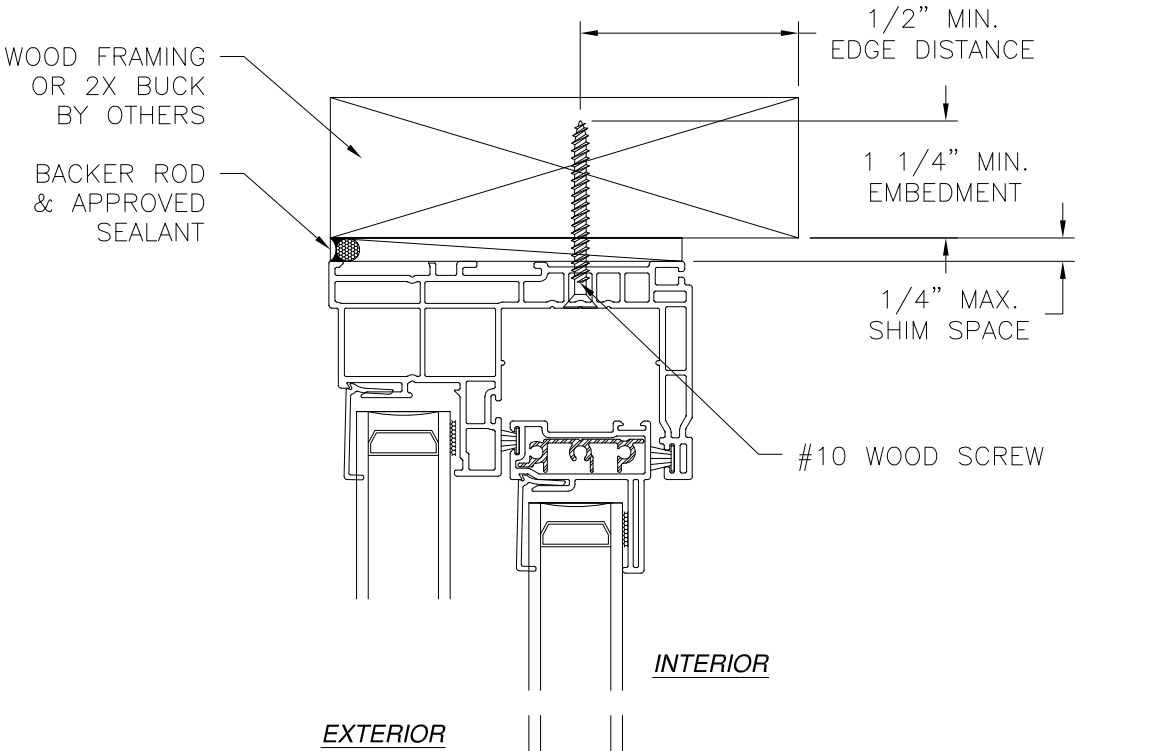
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SCALE NTS	DATE 05/08/2020	SHEET 10 OF 17

L. ROBERTO LOMAS P.E.
208 7th Ave, INDIALANTIC, FL 32903
434-688-0609 rllomas@lrlomaspe.com



Luis R. Lomas P.E.
FL No.: 62514

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REVISED PER NEW CODE	08/24/2023	R.L.



JAMB INSTALLATION DETAIL
WOOD FRAMING OR 2X BUCK INSTALLATION

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SIGNED: 08/24/2023

SHWINCO ARCHITECTURAL PRODUCTS, LLC

171 JET SERVICES WAY
DOTHAN, AL 36303

SERIES 9050 HS WINDOW
NON-IMPACT
BOX INSTALLATION DETAILS

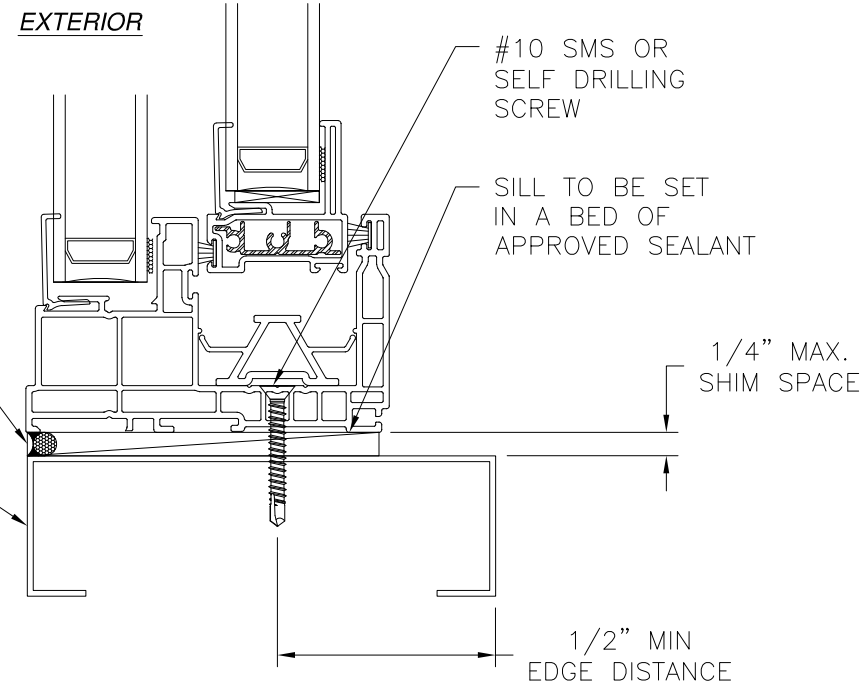
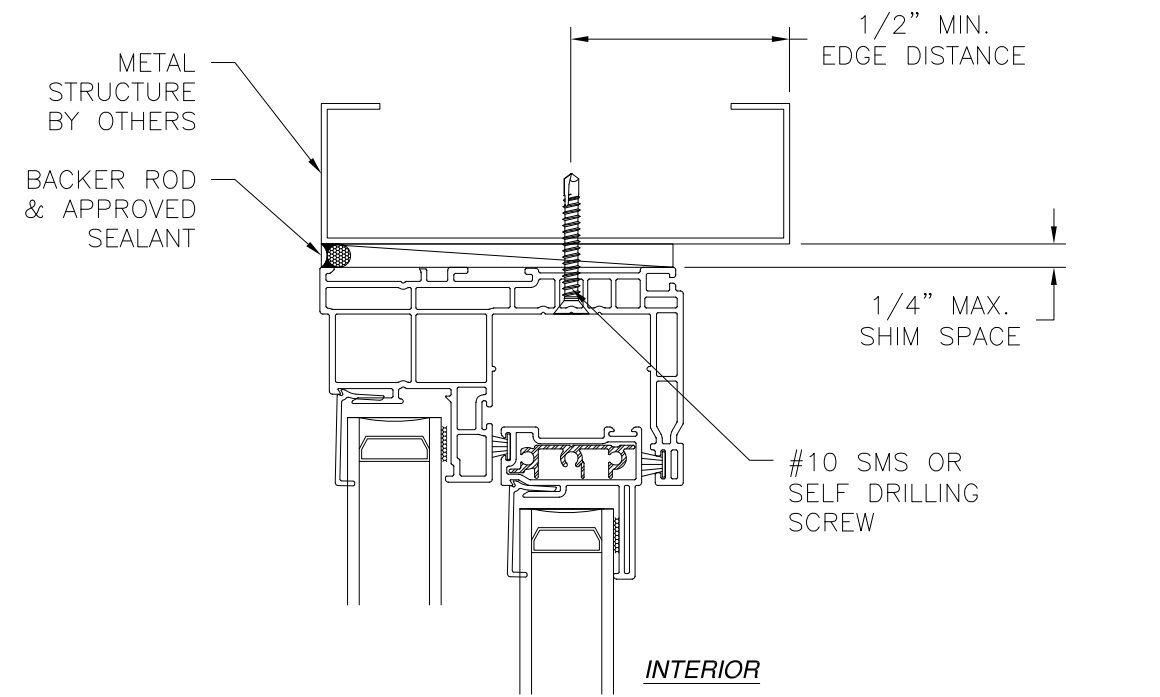
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SCALE NTS	DATE 05/08/2020	SHEET 11 OF 17

L. ROBERTO LOMAS P.E.
208 7th Ave, INDIALANTIC, FL 32903
434-688-0609 rllomas@lrlomaspe.com

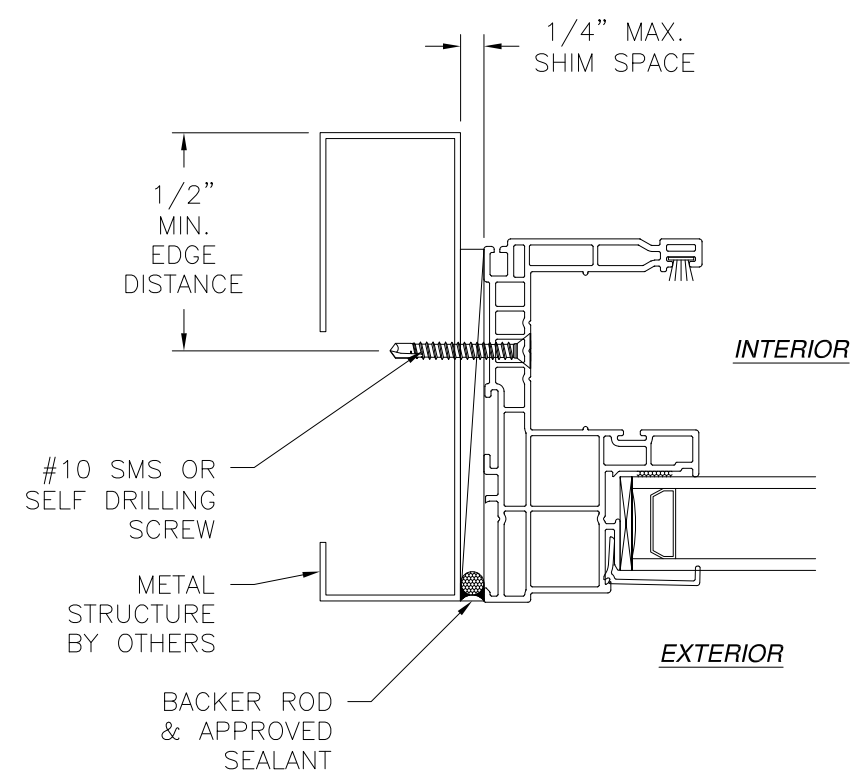


Luis R. Lomas P.E.
FL No.: 62514

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
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VERTICAL CROSS SECTION
METAL STRUCTURE INSTALLATION



JAMB INSTALLATION DETAIL
METAL STRUCTURE INSTALLATION

- NOTES:**
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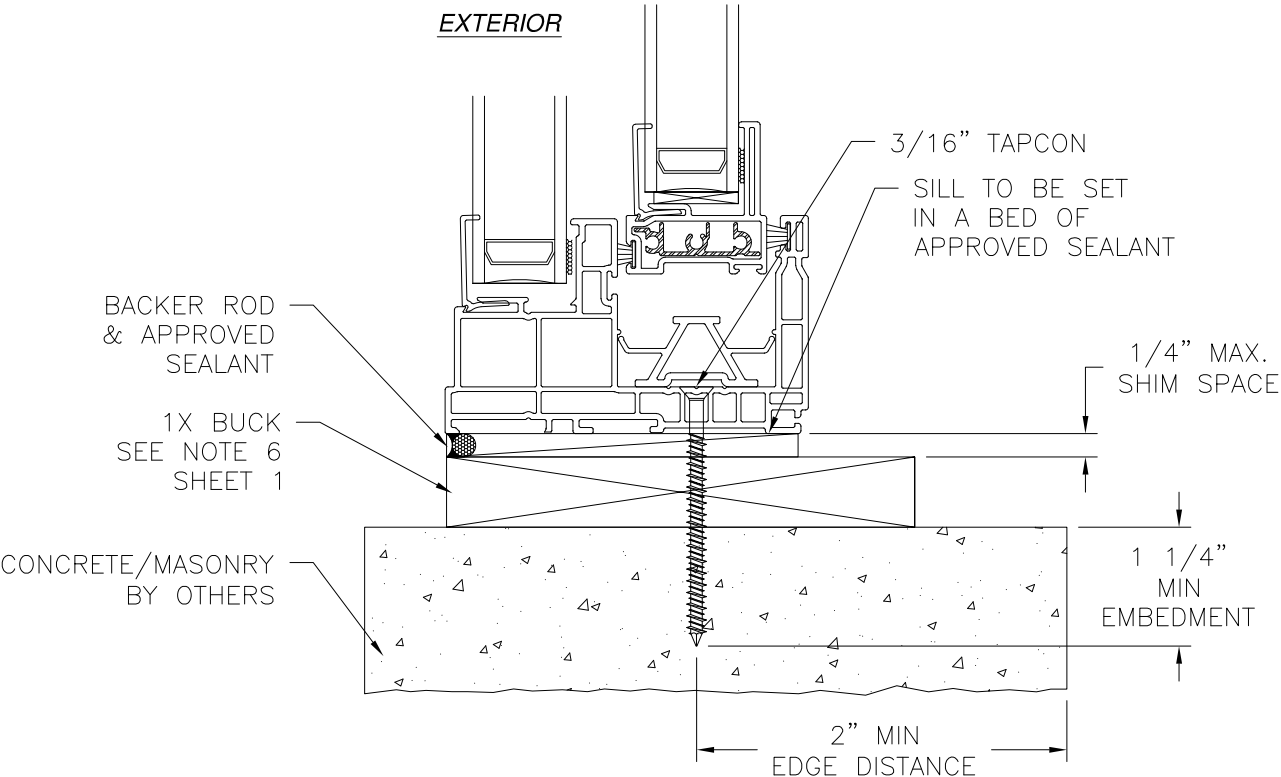
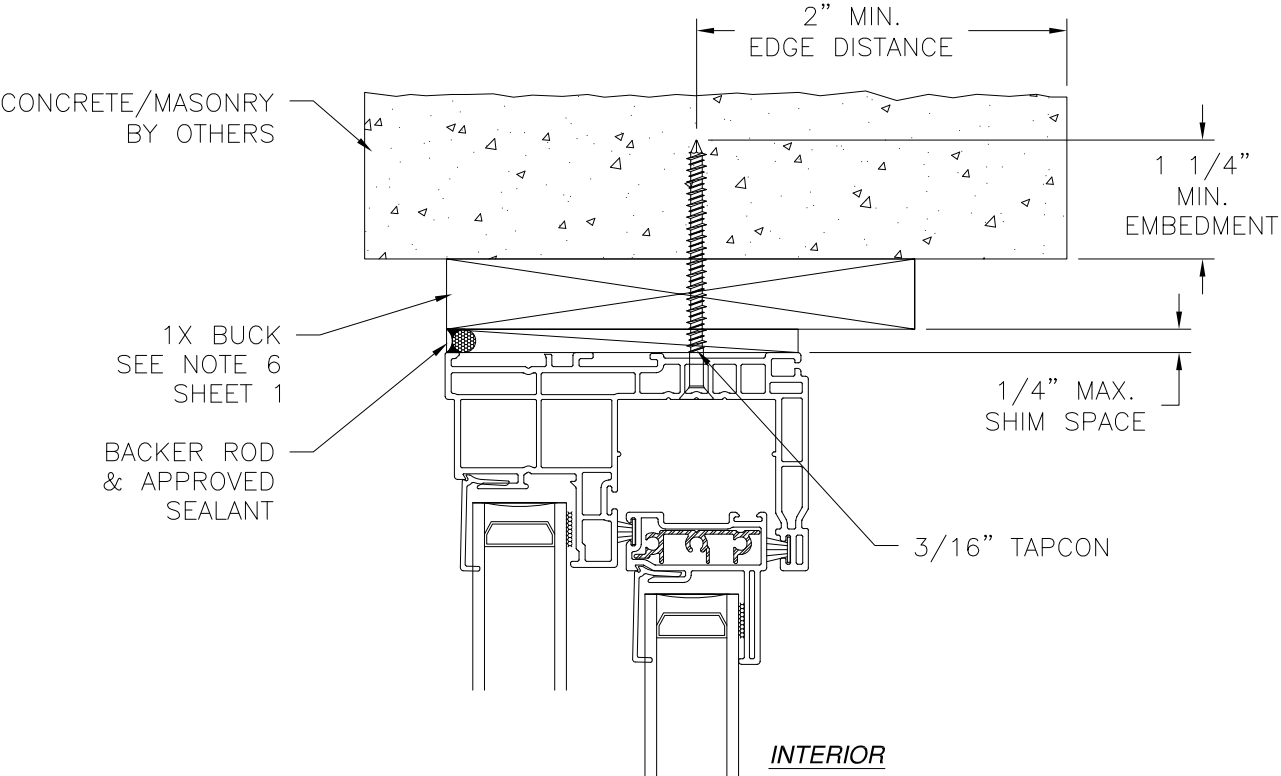
SIGNED: 08/24/2023

SHWINCO ARCHITECTURAL PRODUCTS, LLC		
171 JET SERVICES WAY DOTHAN, AL 36303		
SERIES 9050 HS WINDOW NON-IMPACT BOX INSTALLATION DETAILS		
DRAWN: R.L.	DWG NO. 08-03557	REV A
SCALE NTS	DATE 05/08/2020	SHEET 12 OF 17
L. ROBERTO LOMAS P.E. 208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rllomas@lrlomaspe.com		

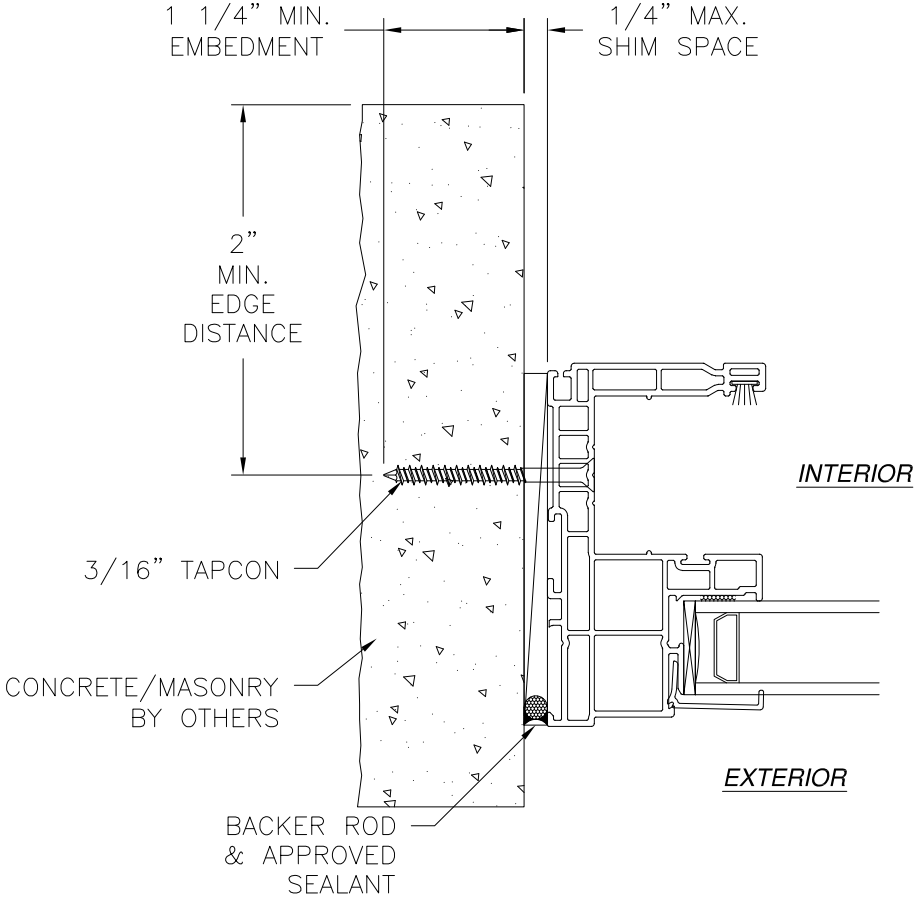
LUIS R. LOMAS
LICENSED P.E.
No. 62514
STATE OF FLORIDA
PROFESSIONAL ENGINEER

Luis R. Lomas P.E.
FL No.: 62514

REVISIONS			
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VERTICAL CROSS SECTION
CONCRETE/MASONRY WITH 1X BUCK INSTALLATION
FOR CONCRETE/MASONRY WITHOUT 1X BUCK REFER TO
JAMB INSTALLATION DETAIL



JAMB INSTALLATION DETAIL
CONCRETE/MASONRY WITHOUT 1X BUCK INSTALLATION
FOR CONCRETE/MASONRY WITH 1X BUCK REFER TO
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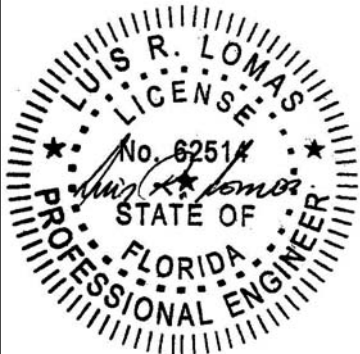
SHWINCO ARCHITECTURAL PRODUCTS, LLC
171 JET SERVICES WAY
DOTHAN, AL 36303

SERIES 9050 HS WINDOW
NON-IMPACT
BOX INSTALLATION DETAILS

DRAWN: R.L.	DWG NO. 08-03557	REV A
SCALE NTS	DATE 05/08/2020	SHEET 13 OF 17

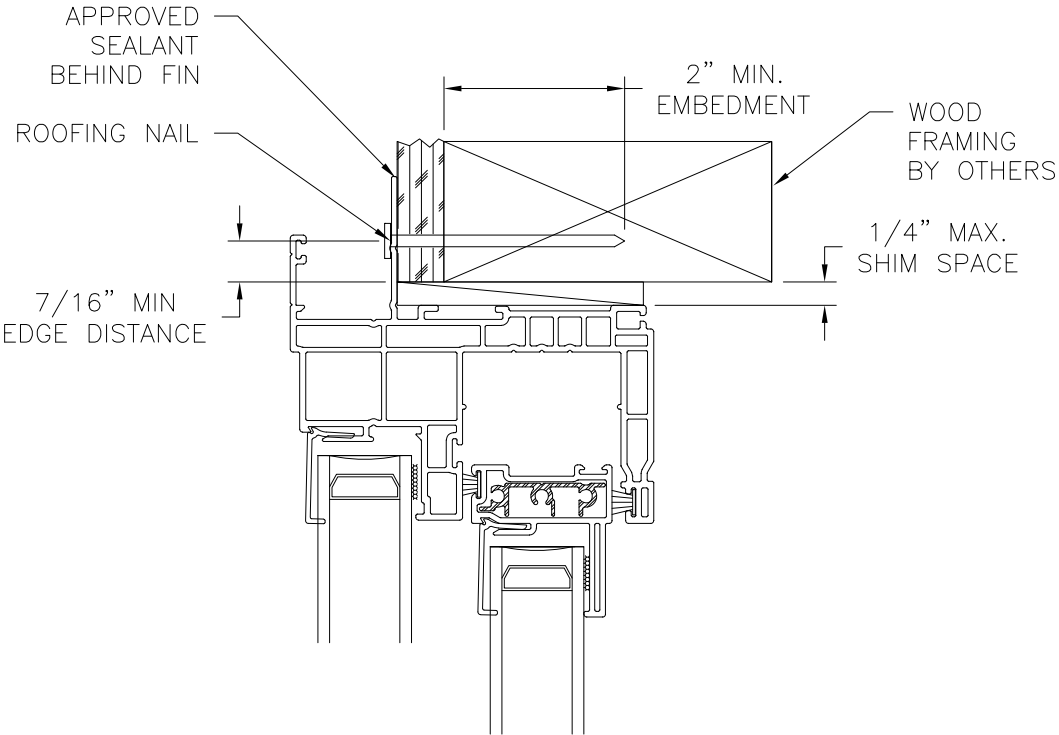
L. ROBERTO LOMAS P.E.
208 7th Ave, INDIALANTIC, FL 32903
434-688-0609 rllomas@lrlomaspe.com

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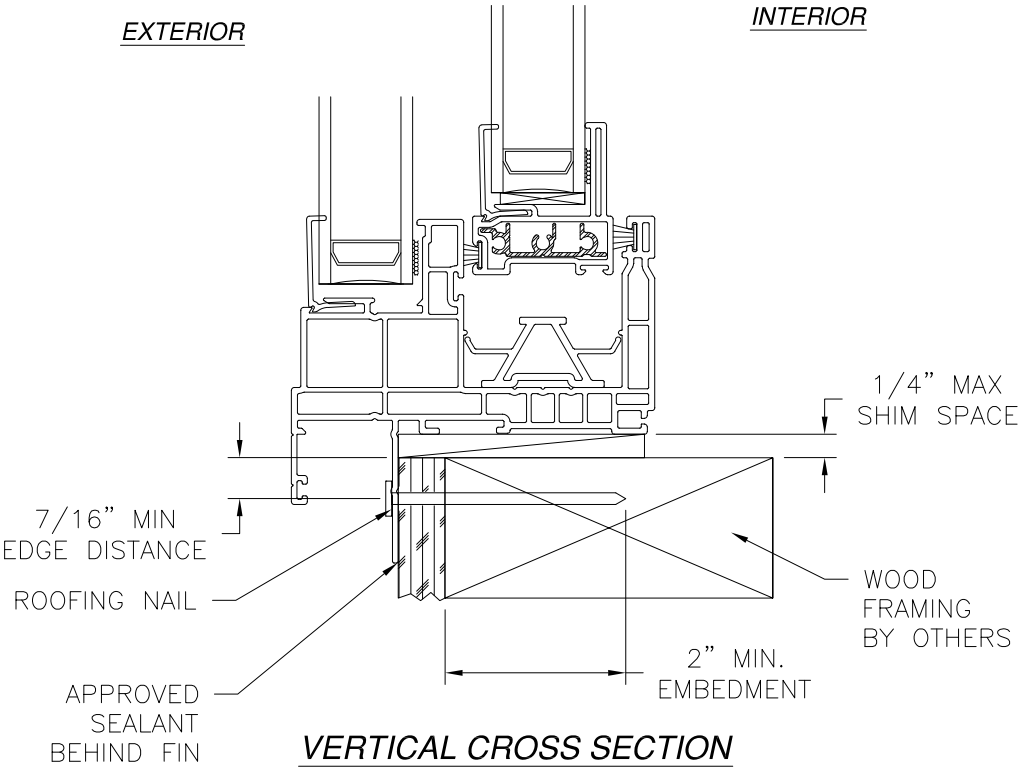
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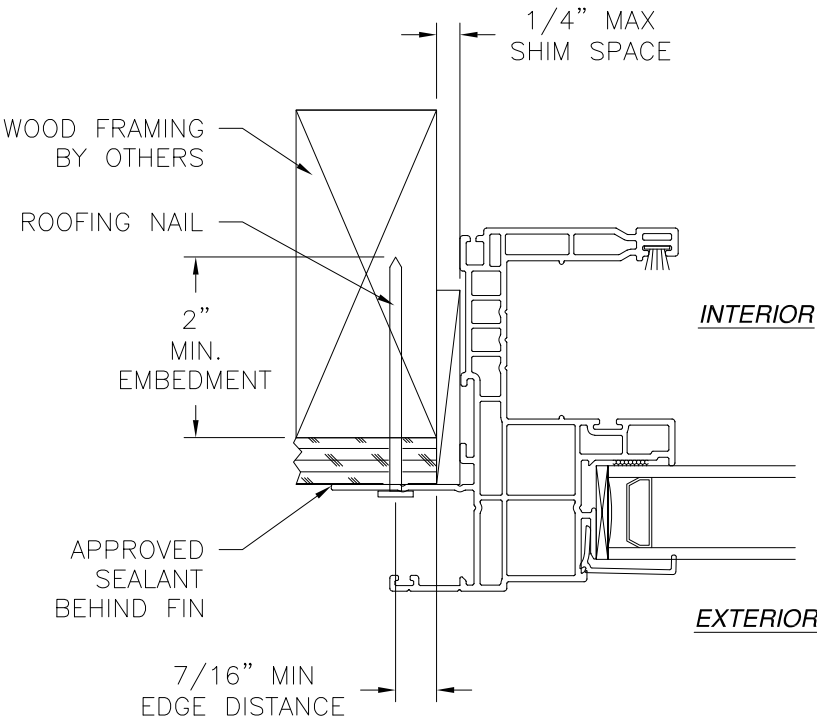


EXTERIOR

INTERIOR



VERTICAL CROSS SECTION
WOOD FRAMING OR 2X BUCK INSTALLATION



JAMB INSTALLATION DETAIL
WOOD FRAMING OR 2X BUCK INSTALLATION

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171 JET SERVICES WAY
DOTHAN, AL 36303

SERIES 9050 HS WINDOW
NON-IMPACT
FIN INSTALLATION DETAILS

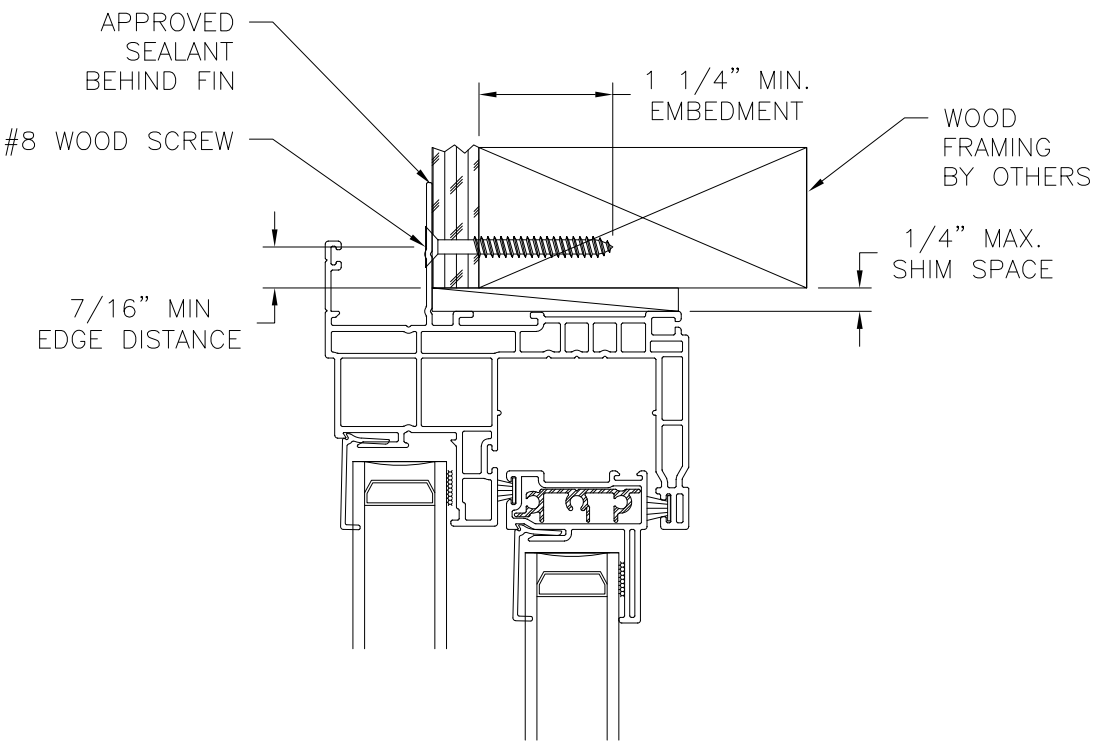
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SCALE NTS	DATE 05/08/2020	SHEET 14 OF 17
L. ROBERTO LOMAS P.E. 208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rllomas@lrlomaspe.com		

SIGNED: 08/24/2023



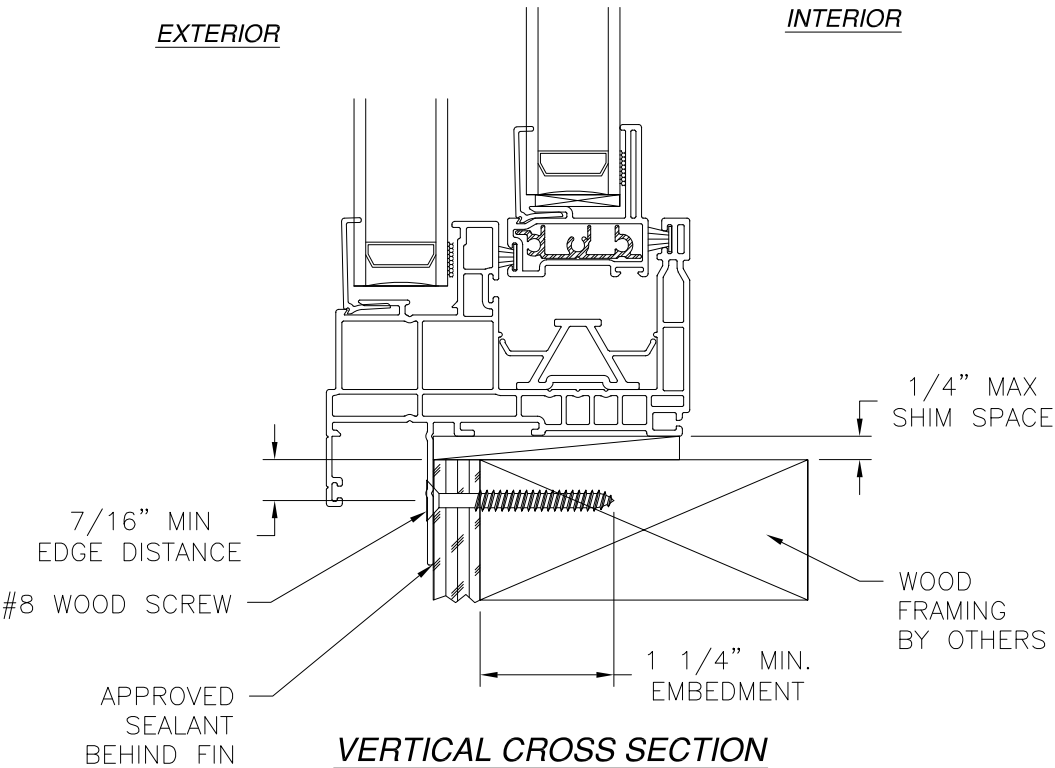
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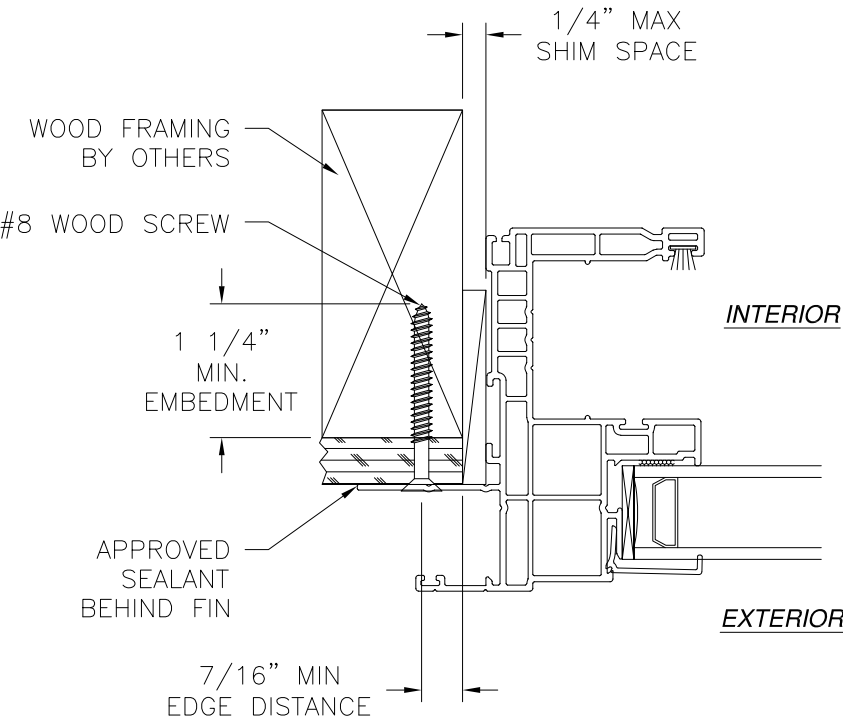


EXTERIOR

INTERIOR



VERTICAL CROSS SECTION
WOOD FRAMING OR 2X BUCK INSTALLATION



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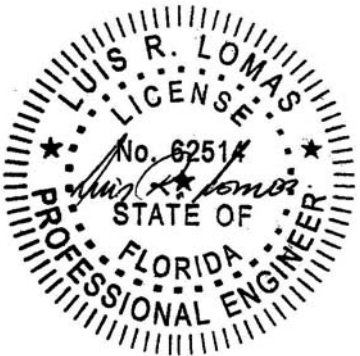
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FIN INSTALLATION DETAILS

DRAWN: R.L.	DWG NO. 08-03557	REV A
SCALE NTS	DATE 05/08/2020	SHEET 15 OF 17

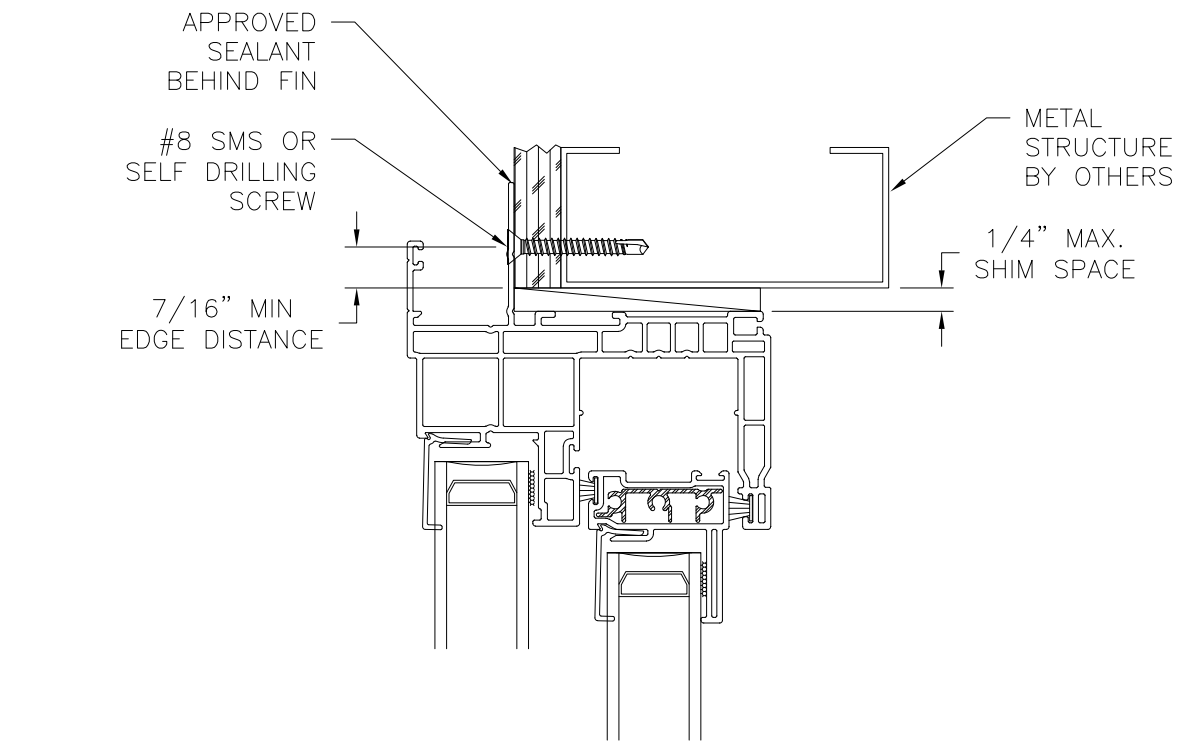
L. ROBERTO LOMAS P.E.
208 7th Ave, INDIALANTIC, FL 32903
434-688-0609 rllomas@lrlomaspe.com

SIGNED: 08/24/2023



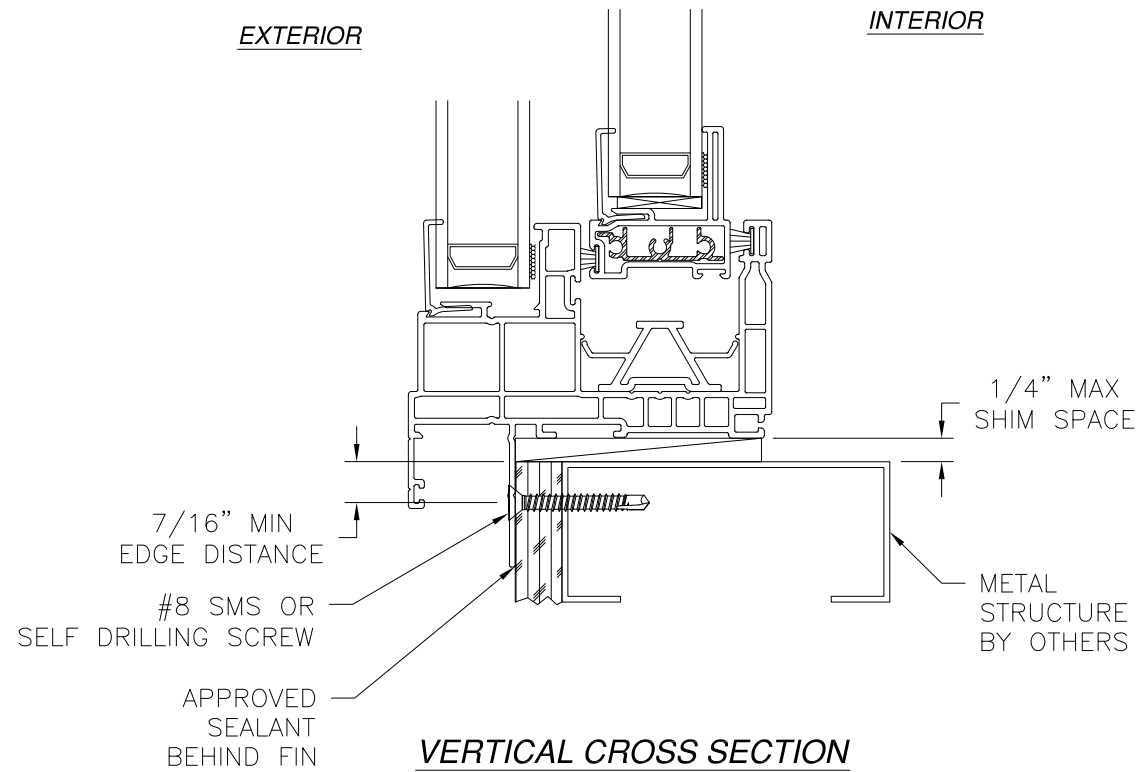
Luis R. Lomas P.E.
FL No.: 62514

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REVISED PER NEW CODE	08/24/2023	R.L.

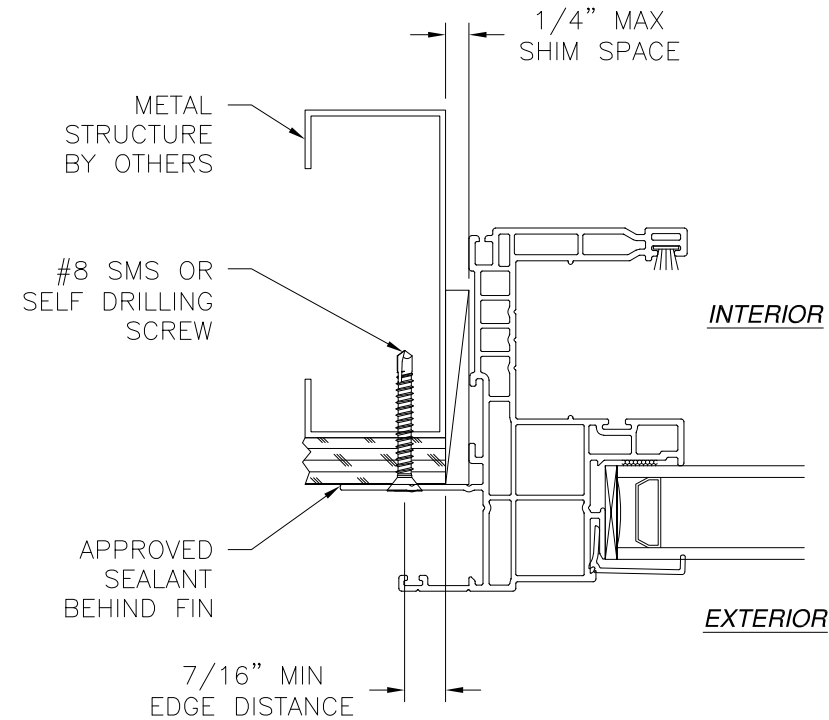


EXTERIOR

INTERIOR



VERTICAL CROSS SECTION
METAL STRUCTURE INSTALLATION



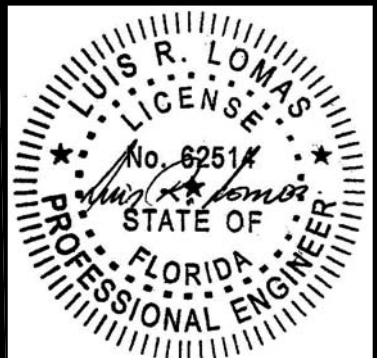
JAMB INSTALLATION DETAIL
METAL STRUCTURE INSTALLATION

NOTES:

1. INTERIOR AND EXTERIOR FINISHES, BY OTHERS, NOT SHOWN FOR CLARITY.
2. PERIMETER AND JOINT SEALANT BY OTHERS TO BE DESIGNED IN ACCORDANCE WITH ASTM E2112
3. WATER PROOFING IS INSTALLER'S RESPONSIBILITY AND MUST BE DONE PER FMA/AAMA/WDMA STANDARDS.

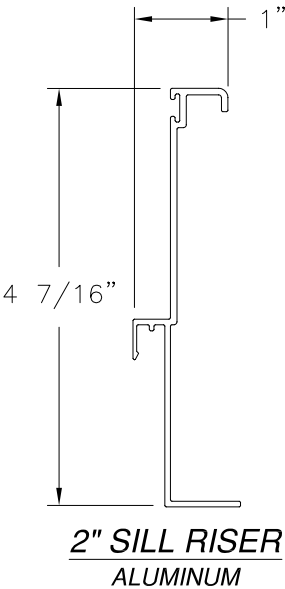
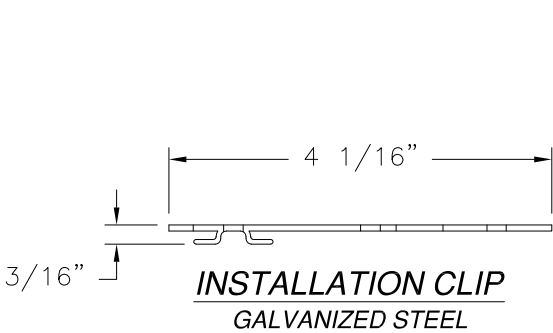
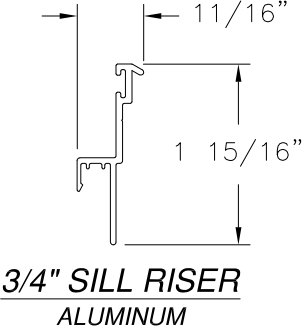
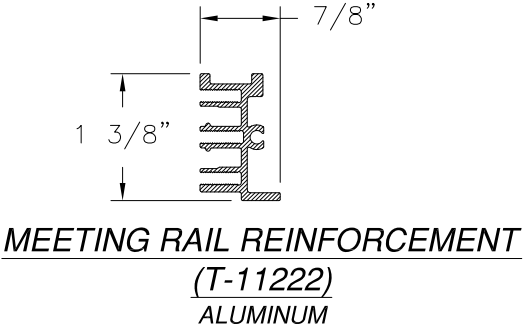
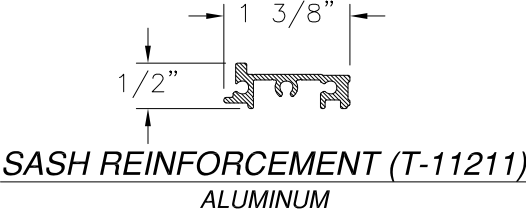
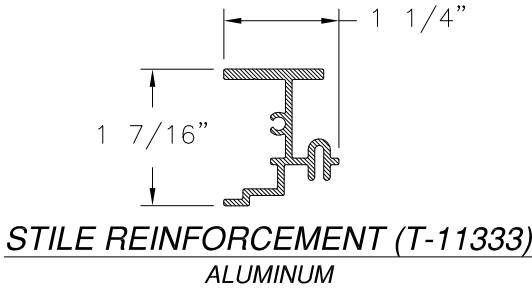
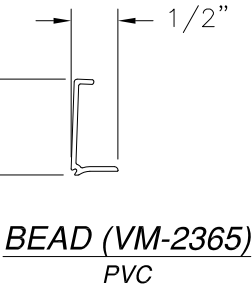
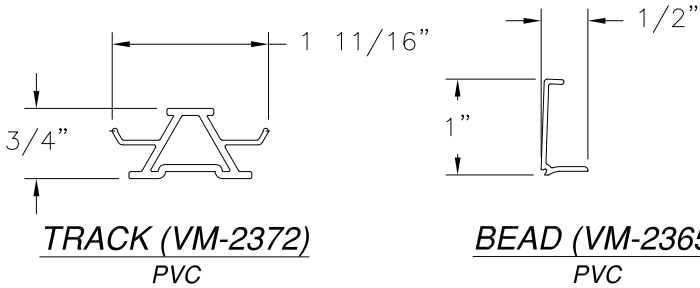
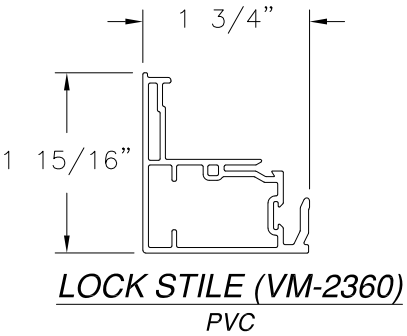
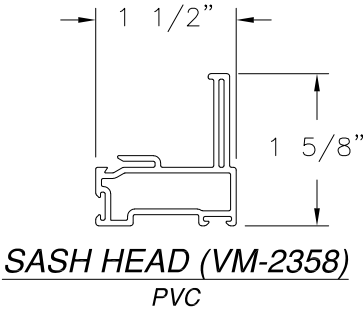
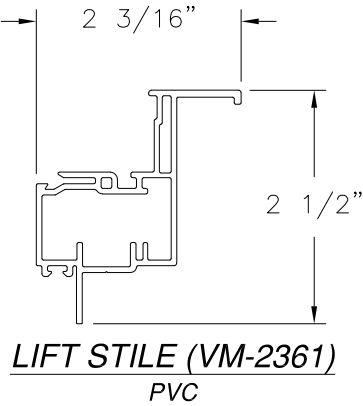
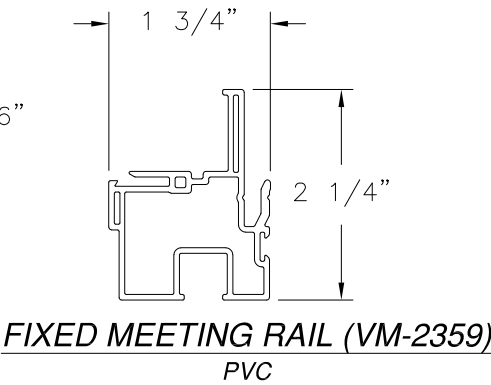
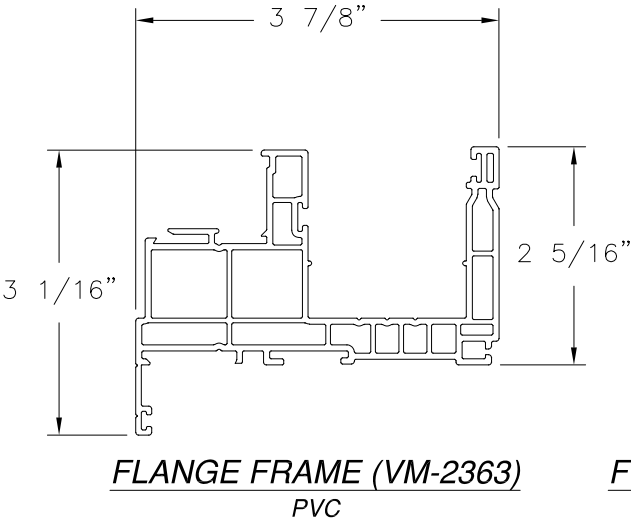
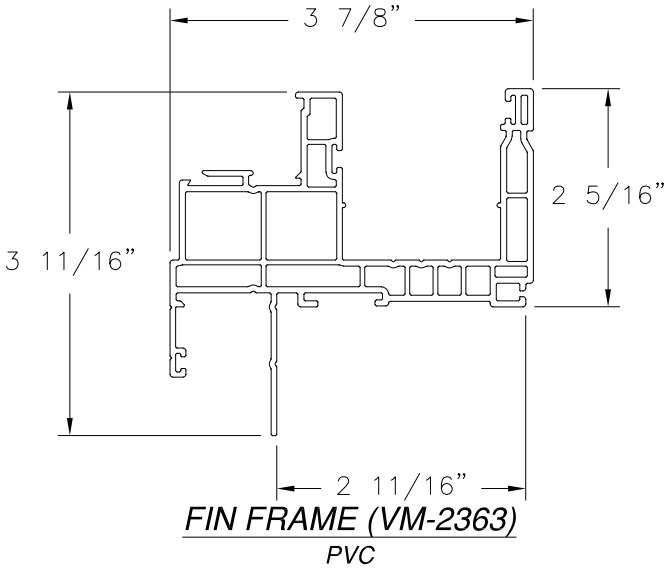
SIGNED: 08/24/2023

SHWINCO ARCHITECTURAL PRODUCTS, LLC		
171 JET SERVICES WAY DOTHAN, AL 36303		
SERIES 9050 HS WINDOW NON-IMPACT FIN INSTALLATION DETAILS		
DRAWN: R.L.	DWG NO. 08-03557	REV A
SCALE NTS	DATE 05/08/2020	SHEET 16 OF 17
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Luis R. Lomas P.E.
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REVISIONS			
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SHWINCO ARCHITECTURAL PRODUCTS, LLC
171 JET SERVICES WAY
DOTHAN, AL 36303

SERIES 9050 HS WINDOW
NON-IMPACT
COMPONENTS

DRAWN: R.L.	DWG NO. 08-03557	REV A
SCALE NTS	DATE 05/08/2020	SHEET 17 OF 17
L. ROBERTO LOMAS P.E. 208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rllomas@lrlomaspe.com		

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Luis R. Lomas P.E.
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